Bulletin

UNION UNIVERSITY

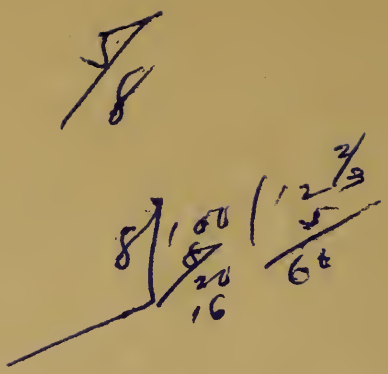
JACKSON, TENNESSEE

Catalogue

1947-1948

Announcements

1948-1949



VOLUME XLIV JUNE, 1948 No. 3

BULLETIN OF UNION UNIVERSITY

JACKSON, TENNESSEE

One Hundred - Fourteenth Year

FOREWORD

UNION'S purpose is to train young men and women in an environment that makes for both high scholarship and Christian character. For more than one hundred years the college has been sending its graduates out to assume places of leadership in all fields of service.

Attendance at Union is a privilege, and this privilege may be forfeited by any student who does not conform to its traditions and regulations, or who is not willing to adjust himself to its environment.

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McCOWAT-MERCER, JACKSON, TENN.

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CALENDAR

1948-1949

SEPTEMBER

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
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OCTOBER

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NOVEMBER

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DECEMBER

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JANUARY

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FEBRUARY

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MARCH

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APRIL

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MAY

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JUNE

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JULY

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AUGUST

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..	..	..	..	..	..	..

UNIVERSITY CALENDAR

1948-1949

Summer Quarter, 1948

June 9 and 10, Wed. and Thur.....*Registration, First Term Summer School*

(Late registration fee of $5 after June 10, and application of regulation on class absences. See page No. 37.)

June 11, Fri.....*Class Work Begins*

June 14, Mon.....*Last day for entering classes*

June 15, Tues.....*Faculty and President's Reception*

July 8, Fri.....*Summer Festival*

July 17, Sat.....*First Term Summer School Closes*

July 19, Mon.....*Class Work Begins, Second Term Summer School*

(Late registration fee of $5 after July 19, and application of regulation on class absences. See page No. 37.)

July 21, Wed.....*Last day for entering classes*

August 20, Fri.....*Commencement Exercises*

August 21, Sat.....*Summer School Closes*

Fall Quarter, 1948

September 2, 2:30 P. M., Thurs.....*Faculty Meeting*

September 3 and 4, Fri. and Sat.....*Counselling and Registration of Freshmen*

(Late registration fee of $5 for freshmen after 5 P.M. Sept. 4, and application of regulation on class absences. See page No. 31.)

September 6 and 7, Mon. and Tues.....*Counselling and Registration of Sophomores and Upperclassmen*

Freshman orientation program and physical examinations

(Late registration fee of $5 after 5 P.M. Sept. 7, and application of regulation on class absences. See page No. 31.)

September 8, Wed.....*Class Work Begins*

September 13 and 14, Mon. and Tues...*Last day for entering Monday, Wednesday, Friday classes, and Tuesday, Thursday, Saturday classes, respectively*

Opening Convocation, Chapel Hours

September 14, Tues.....*Faculty and President's Reception*

Dates to be announced.....*Open House, Residence Halls and Stunt Night*

Early in Fall.....*Homecoming Football Game*

November 22-27, Mon.-Sat.....*Quarterly examinations and registration of current student body*

(Late registration fee of $5 after 12 M., Nov. 27, and application of regulation on class absences. See page No. 31.)

November 25, Thurs.....*Thanksgiving Holiday*

Winter Quarter

November 29, Mon.....*Class work begins*
November 29, Mon.....*Counselling and Registration of new students*

(Late registration fee of $5 for new students after Nov. 29, and application of regulation on class absences. See page No. 31.

December 6 and 7, Mon. and Tues.....*Last day for entering Monday, Wednesday, Friday classes, and Tuesday, Thursday, Saturday classes, respectively*
December 16, Thurs.....*Christmas Music Festival*
December 19, Sun. to January 2, 1949, Sun., inclusive.....*Christmas Holidays*

1949

January 3, Mon.....*Class work begins*
January 20, Thurs.....*Class Play Contest*
Early in February.....*Open House, Residence Halls*
February 21, Mon.....*One Act Play Night*
February 28-March 4, Mon.-Fri.....*Quarterly examinations and registration of current student body*

(Late registration fee of $5 after 5 P.M. March 4, and application of regulation on class absences. See page No. 31.)

March 4, Fri., at completion of work..*Spring Holidays Begin*

Spring Quarter

March 8, Tues.....*Class work begins*
March 8, Tues.....*Counselling and Registration of new students*

(Late registration fee of $5 after 5 P.M. March 8, and application of regulation on class absences. See page No. 31.)

March 15 and 16, Tues. and Wed.....*Last day for entering Tuesday, Thursday, Saturday classes and Monday, Wednesday, Friday classes, respectively*
March 31, Thurs.....*Light Opera Festival*
April 14, Thurs.....*Easter Music Festival*
Middle of April.....*Open House, Residence Halls*
April 28, Thurs.....*College Play*
May 7, Sat.....*High School Day*
May 20, Fri.....*Annual Meeting Board of Trustees*
May 21, Sat.....*Senior Breakfast, President's Home*
May 22, Sun.....*Baccalaureate Service*
May 23, Mon.
10:00 A. M.....*Strickland Medal Contest*

2:30 P. M.....*Home Economics*
Fashion Revue and Reception
3:30 P.M.....*M. E. Dodd Ministerial Contest—*
Expository Writing
5:00 P.M.....*Alumni "Bring-Your-Basket" Picnic*
8:00 P. M.....*J. R. Graves Sermon,*
Calvary Baptist Church
May 24, Tues., 10:00 A. M.....*Commencement Exercises*
May 25-28, Wed.-Sat.....*Quarterly Examinations*

Summer Quarter

June 1 and 2, Wed. and Thurs.....*Registration,*
First Term Summer School

(Late registration fee of $5 after June 2, and application of regulation on class absences. See page No. 31.)

June 3, Fri.....*Class work begins*
June 6, Mon.....*Last day for entering classes*
June 7, Tues.....*Faculty and President's Reception*
July 1, Fri.....*Summer Festival*
July 9, Sat.....*First Term Summer School Closes*
July 11, Mon.....*Class work begins,*
Second Term Summer School

(Late registration fee of $5 after July 11, and application of regulation on class absences. See page No. ....

July 13, Wed.....*Last day for entering classes*
August 12, Fri.....*Commencement Exercises*
August 13, Sat.....*Summer School Closes*

⇒ Prof. Sarkar, India
a. a. u. w. Speaker.

BOARD OF TRUSTEES

D. A. Ellis, *President*.....*Memphis*
J. G. Hughes, *Vice-President*.....*Memphis*
Walter Warmath, *Secretary*.....*Jackson*

Executive Committee

D. A. Ellis, *Ex-Officio*, Chairman
R. E. Guy, Secretary — H. H. Boston
Paul Wieland — Robert Orr
W. F. Jones, *Ex-Officio*

Finance Committee

D. A. Ellis, *Ex-Officio*, Chairman
W. S. Hall — Homer Waldrop
W. F. Jones, *Ex-Officio* — Henry Huey

Term of Office Expires 1948

Tom Patton.....*Jackson*
R. E. Guy.....*Jackson*
W. S. Hall.....*Jackson*
H. J. Huey.....*Milan*
Paul Caudill.....*Memphis*
H. C. Sanders.....*Selmer*
Ross Rogers.....*Paris*
Fred West.....*Jackson*
Paul Wieland.....*Trenton*
E. T. Palmer.....*Dyersburg*

Term of Office Expires in 1949

W. A. Boston.....*Union City*
E. Gibson Davis.....*Memphis*
Glen Dillon.....*Jackson*
J. B. Fuqua.....*Milan*
Garland F. Jones.....*Jackson*
J. Carl McCoy.....*Memphis*
H. H. Waldrop.....*Jackson*
Eugene Woods.....*Memphis*
Cotys Willingham.....*Ridgely*
Hudson Hicks.....*Covington*

Term of Office Expires 1950

H. H. Boston.....*Martin*
C. L. Bowden.....*Ripley*
J. L. Crook.....*Jackson*
D. A. Ellis.....*Memphis*
E. A. Harrold.....*Millington*
J. G. Hughes.....*Memphis*
R. G. Lee.....*Memphis*
Robert Orr.....*Brownsville*
I. B. Tigrett.....*Jackson*
Walter Warmath.....*Jackson*

OFFICERS OF ADMINISTRATION

Warren F. Jones, 564 E. Main.....*President*
B.S., Georgetown College, 1921
M.A., University of Kentucky, 1937
LL.D., Georgetown College, 1945

John Jeter Hurt, 215 Rumson Rd., Atlanta, Ga.....
President-Emeritus
Th.G., Southern Baptist Seminary, 1903
D.D., Union University, 1914
D.D., Wake Forest College, 1921
LL.D., Georgetown College, 1932

Samuel Stegall Sargent, 606 E. Main.....*Dean*
A.B., Union University, 1924
M.A., George Peabody College, 1926

Mattie Sanders, 606 E. Main.....*Dean of Women*
B.S., Central Missouri State College, 1930
M.A., Columbia University, 1932

Frank M. Blythe, 590 E. College.....*Business Manager*
B.S., University of Oklahoma, 1926

Hazel Ellis Mansfield, Adams Hall.....*Registrar*
A.B., Union University, 1932

Emma Waters Summar, 118 N. Hays..*Librarian-Emeritus*

Ruth Gibbons, Adams Hall.....*Librarian*
A.B., Union University, 1932
B.S.L.S., Peabody College, 1940

Troy G. Young, 596 E. College.....*Alumni Secretary*
A.B., Union University, 1924
M.A., George Peabody College, 1933
Additional graduate work; Harvard University

JAMES A. STRATTON, Adams Hall.....
Supt. of Buildings and Grounds
MYRTIS RAMER, Adams Hall.....*Assistant Registrar*
HILDA RAMSEY, Lovelace Hall.....*Bursar*

FACULTY OF INSTRUCTION

A. WARREN PRINCE.....*Head of Chemistry Dept.*
A. B., William Jewell College, 1904
M.A., William Jewell College, 1905
Additional graduate work, The University of Chicago
D. Sc., Union University, 1933

FRANK L. WELLS.....*Head of Education and Psychology Dept.*
A. B., University of North Carolina, 1920
M.A., Columbia University, 1926
Ph.D., University of Iowa, 1928

FLOY S. WISE.....*Head of Social Sciences Dept.*
B. S. E., University of Arkansas, 1929
M. A., University of Arkansas, 1936
Ph.D., University of Texas, 1945

WILLIAM A. KEEL.....*Head of Bible and Philosophy Dept.*
A. B., Mississippi College, 1922
Th.M., Southern Baptist Seminary, 1925
Ph.D., Southern Baptist Seminary, 1930

MABEL WHITSON HARDIN.....*Head of English Dept.*
A. B., Union University, 1921
M.A., University of Tennessee, 1923
Additional graduate work, George Peabody College and University of Wisconsin

DIXIE M. JONES.....*Associate Professor of Education and Psychology*
A. B., Blue Mountain College, 1927
M. A., Peabody, 1939
Ph.D., Peabody, 1943

CLYDE J. GARRETT.....*Head of Music Dept.*
B.M., Chicago Conservatory of Music, 1931
M.M., Chicago Conservatory of Music, 1936
D.Mus.Ed., Zoellner Conservatory of Music, 1939
Graduate studies, University of Southern California
Summers, 1939-40-41; Private study in New York, Chicago and Hollywood

R. C. Briggs.....*Associate Professor of Bible*

A.B., Southwestern State Teachers College, 1937
Th.M., Southern Baptist Theological Seminary, 1943
Th.D., Southern Baptist Theological Seminary, 1946

Frances Honchell.....*Head of Foreign Languages Dept.*

A.B., Eastern Kentucky State College, 1935
M.A., Peabody College, 1940
All requirements for Ph.D., except Dissertation, Peabody College

Rosa Dyer Rutledge.....*Assistant Professor of German, History*

B. S., Union University, 1927
M.A., George Peabody College, 1932
Additional graduate work, University of Wisconsin

Grace Williams.....*Assistant Professor of Physical Education*

B. S., Alabama College, 1928
M. A., Peabody College, 1932

Mattie Sanders.....*Assistant Professor of Education and Psychology*

B.S., Central Missouri State College, 1930
M.A., Columbia University, 1932

George B. Wyatt.....*College Physician*

B.S., M.D., Vanderbilt University

Evelyn Carter..*Assistant Professor of English and French*

B.S., University of Tennessee, 1937
M.A., University of Tennessee, 1939

Helen M. Williams.....*Assistant Professor of Biology*

B.S., Baylor University, 1946
M.D., University of Texas, 1946

Hughlan Pope.....*Assistant Professor of Chemistry*

B.S., Carson-Newman College, 1935
M.S., University of Georgia, 1941

Beulah F. Mallory.....*Instructor of Mathematics*

A. B., Union University, 1937
Graduate Work, Peabody College

Harriett Helen Blythe.....*Instructor of English*

A.B., University of Oklahoma, 1939
Graduate work, George Peabody College

ELIZABETH BRELAND LOYD.....*Instructor of Speech and Drama*

Diploma in Expression, Whitworth College, 1922
A.B., Union University, 1945.
Studied with the Gurry School of Expression, Boston;
Alviene University of the Theater, New York;
The American Academy of Dramatic Art, Columbia University

DEE E. RICE.....*Instructor of Latin*

A.B., Ouachita College, 1907
B. S., Union University, 1936

MILCHRIST C. STANWORTH..*Instructor of Piano and Theory*

Graduate of Northwestern University School of Music
Pupil of Blanche Boult, Carl Beecher, Charles Haake, Peter Christian Lutkin and Orne Oldberg
Artists' Graduate Diploma, Northwestern University School of Music;
Teacher's Certificate, Piano and Methods, Northwestern
Winner in piano composition, Tennessee State contest, 1939 and 1948.

JAMES H. WILLIAMS....*Instructor of History and Sociology*

A.B., Carson-Newman College, 1942
M.A., Peabody, 1947
Additional Graduate work, Peabody College

TURNEY FORD.....*Assistant Director in Athletics and Instructor of Physical Education*

A.B., Vanderbilt University, 1939
Additional work, Peabody College

MARY ELEANOR WELLS.....*Instructor in Biology*

B.S., Union University, 1945
B.S. R.N., Vanderbilt University, 1948

WILLIAM H. YANCEY.....*Head Department Physical Education*

B.S., Jacksonville State Teachers College, 1939
M.A., Alabama Polytechnic Institute, 1943

DR. C. W. DAVIS.....*Landscape Engineer and Lecturer in Geology and Anthropology*

B.S., University of Tennessee
M.S.A. and Ph.D., Iowa State College

DOROTHY I. GARRETT.....*Instructor of Piano*

Mus.B., Chicago Conservatory of Music, 1936

J. FRANKLIN RAY.....*Audio-Visual Education*
A.B., Union University, 1901
A.M., Union University, 1902
Th.M., Southern Baptist Theological Seminary, 1904
One year Graduate work, Southern Baptist Seminary, 1917
D.D., Union University, 1921

TO BE SELECTED:

Professor of Biology
Assistant Professor of Economics and Business Administration
Professor of Home Economics
Assistant Professor of Foreign Languages
Instructor in Mathematics
Professor of Mathematics and Physics
Instructor in Voice
Director of Band
Assistant Professor of Secretarial Science
Professor of Commerce

Faculty Committees

Discipline
S. S. Sargent, Chairman
Mattie Sanders
Rosa Dyer Rutledge

Athletics and Health
Frank Blythe, Chairman
Grace Williams
Turney Ford

Catalogue
Floy S. Wise, Chairman
A. Warren Prince
Mabel Whitson Hardin

Guidance
Frank L. Wells, Chairman
Mattie Sanders
Dixie M. Jones
Evelyn Carter

Instruction and Curriculum
S. S. Sargent, Chairman
All Department Heads

Library
Harriet Helen Blythe, Chairman
Helen Williams
Ruth Gibbons
Hughlan Pope

Campus Committee
Wm. A. Keel, Chairman
James H. Williams

Social Committee
Mattie Sanders, Chairman
Hostesses of All Dormitories

Extra-Curricular Committee
Charles N. Millican, Chairman
S. S. Sargent, Advisor
Clyde J. Garrett
Frances Honchell

Ministerial Placement Committee
Wm. A. Keel, Chairman
R. C. Briggs

Teacher Placement Committee
Troy Young, Chairman
Frank L. Wells
Hazel Mansfield

Faculty Program Committee
Dixie M. Jones, Chairman
Wm. A. Keel
Beulah Mallory

Committee on Admissions
Dean S. S. Sargent, Chairman
Frank L. Wells
Hazel Mansfield

HOSTESSES AND SECRETARIES

RENA SUBLETTE.....*Dining Room*

LOUISE SUBLETTE.....*Dietitian*
B.S., Union University, 1930

LENA ROGERS.....*Lovelace Hall*

HAZEL ELLIS MANSFIELD.....***Secretary to President***
A.B., Union University, 1932

NANCY STONE.....*Secretary to Dean*
B.S., Union University, 1947

ELIZABETH B. LOYD.....***Adams Hall***
A. B., Union University, 1945

ETHEL LUCKEY.....*Walton Hotel*

DEE E. RICE.....*Crook Hall*

UNION UNIVERSITY

History

UNION UNIVERSITY is the descendant and heir to two earlier institutions—West Tennessee College at Jackson and Union University at Murfreesboro.

West Tennessee College was established in Jackson as an academy in 1834, when Jackson was only a village twelve years old. Most of the early history of the college is lost. It is not definitely known what year the school became a college, but a catalogue printed in 1844 has been discovered bearing the name West Tennessee College. This catalogue gives the faculty and students of the previous year, showing three classes, Freshman, Sophomore and Junior. The college really had its beginning in the provision of the North Carolina compact in ceding Tennessee to the United States government to be made into a new state. It was provided that there should be two colleges established, one each in East and West Tennessee, and certain public lands were set apart to that end. In 1846 an act of Congress was passed extinguishing the title to unappropriated lands south and west of the congressional reservation line, and the $40,000 arising from the sale of these lands was set apart as an endowment fund for West Tennessee College, located in Jackson.

The college was chartered in 1846 by an act of Congress signed by James K. Polk as President of the United States. Hon. Milton Brown represented this district at the time, and Andrew Johnson and Jefferson Davis were members of the Congress that passed the enabling act. The charter was also granted upon the authority of an act of the Tennessee Legislature at which time Aaron Brown was Governor. Hon. Harvey Watterson, father of Col. Henry Watterson, president of the Tennessee State Senate, signed the enabling act. It is rare, indeed, if not without parallel, that an institution of learning should have as its godfathers a President of the United States, an American Congress, a State Governor and State Legislature, and as afterwards happened a State Baptist Convention.

Rev. S. M. McKinney, M. A., was the first president. Little is known of the details of the development of the college

prior to the Civil War. At the close of the war Dr. William Shelton was elected president, and under his administration the institution grew rapidly until it was consolidated with Union University in 1875, when the property and endowment were estimated at $90,000.

In the year 1845 the Baptist General Assembly of Tennessee, resolved to establish and endow a college known subsequently as Union University. The sum of $65,000 was raised, and the institution was located at Murfreesboro. The Reverend Dr. Joseph H. Eaton was the first president, and held this position until his death in January, 1859. During the years from 1861 to 1866, inclusive, the college was suspended on account of the Civil War. The building was greatly damaged, the library and apparatus were destroyed, and the endowment was wholly lost.

The college was reopened in 1866 and continued until 1873, when an epidemic of cholera and other causes led to a suspension of all work. On the 10th day of April, 1874, a convention was called at Murfreesboro to consider the question of re-establishing a college for the entire State, and a committee was appointed to locate it. Among the various propositions presented, Jackson was selected as the best site.

On August 12, 1874, the Tennessee Baptist Convention, then in session at Trezevant, appointed a Board of Trustees consisting of thirty-five members. The institution was rechartered by the State on June 25, 1875, under the name of the Southwestern Baptist University.

On August 5, 1890, the campus, known prior to 1875, as West Tennessee College, was deeded. During this year, Colonel J. W. Rosamon was chosen as financial agent, and in six months he had secured about $30,000 in bonds. During the year 1890 Miss Willie Edwards of Shelbyville, Tennessee, made a gift to the endowment fund amounting to $3,310. In November of that year the American Baptist Education Society set aside $12,700, $2,700 of which was to be applied to the payment of the agent's salary to June 20, 1892. The remaining $10,000 was a gift conditioned on the raising of $40,000 additional to the $30,000 in individual bonds raised by Col. J. W. Rosamon, as stated above. The same percentage of the $10,000 was paid out of the $70,000 in individual promises collected in 1897. In 1897 a move-

ment to endow the Chair of Logic and Moral Philosophy, in honor of J. R. Graves, resulted in raising $10,000. Dr. H. C. Irby was secretary of the movement.

Through the liberality of Mr. W. T. Adams, of Corinth, Mississippi, and named in his honor, a dormitory for young men was erected in 1895, and in 1896 this building was enlarged by the addition of a three-story front. In 1897 a dormitory for young women was erected, which, in consequence of a gift from Mr. J. R. Lovelace of Martin, Tennessee, was named "Lovelace Hall" in honor of his son Everett Lovelace. Both of these buildings are located on the college campus.

A new chapel was completed in 1899, and, in honor of W. D. Powell, was named "Powell Chapel." In 1901-2 the Perry Estate became the property of the University. With this the Perry School of Biblical Instruction was established in memory of Benjamin W. Perry, who gave his estate, amounting to $12,000, requesting it to be used especially in the education of young ministers. In the spring of 1905 H. C. Irby gave the University, under conditions accepted by the trustees, $18,000 which, with $7,000 already given, made his gifts amount to $25,000.00

In May, 1905, the General Education Society offered the trustees $25,000 on permanent endowment, if the friends of the institution would promptly raise $75,000. The effort securing this offer in 1906 was successful under the leadership of President Hale.

At a meeting of the Board of Trustees, September 17, 1907, the name of the University was changed from Southwestern Baptist University to Union University, the name given in its organization in 1845.

On January 20, 1912, the chapel and main building of the institution were entirely destroyed by fire. Much of the apparatus and the entire library were saved. The loss was partly covered by insurance. A movement to raise funds was begun at once, the present administration building being the result. On account of liberal gifts of O. C. Barton, Paris, Tennessee, this building was named in his honor, "Barton Hall."

In January, 1920, a campaign was launched by the Baptists of Tennessee for $100,000 for Union University. Most of it was subscribed and a part of it paid in cash, when the

larger movement, The Seventy-five Million Campaign of Southern Baptists, was launched. Union University's share of this fund was $200,000.

In May, 1922, the citizens of Jackson contributed $25,000 to an enlargement fund that resulted in the erection of the Joseph A. Crook Hall, the Gymnasium, and remodeling of the Dining Hall. The total cost of these buildings was about $60,000.

In the fall of 1925 the board of trustees deeded all the property of the University to the Tennessee Baptist Convention, and secured a new charter which vested all rights and authority in the convention, which appoints all of the trustees.

In 1927 the Hall-Moody Junior College was consolidated with Union University, its property was sold for its debts, and its records transferred to Union University.

In 1928 a campaign was launched for funds to liquidate indebtedness and to increase endowment. This resulted in raising approximately $270,000 in cash and pledges.

Union University has had the following presidents (No record of the presidents of West Tennessee College):

Joseph A. Eaton, who guided the initial stages from the early forties until the formal opening of the college, January, 1848; from then he was president until his death, January 12, 1859; J. M. Pendleton, 1859-61; G. W. Jarman, 1865-71; Charles Manley, 1871-72; G. W. Jarman, 1872-90; G. M. Savage from 1890 to 1904; P. T. Hale, 1904-06; G. M. Savage, 1906-07; J. W. Conger, 1907-09; I. B. Tigrett, 1909-11; R. A. Kimbrough, 1911-13; R. M. Inlow was elected June, 1913, but resigned soon after opening of fall term; A. T. Barrett, 1913-15; G. M. Savage, 1915-18; H. E. Watters, 1918-1931; A. W. Prince (Acting President), 1931-32; John Jeter Hurt, 1932-45; Warren F. Jones, 1945—

Location

Union University is located in Jackson, Tennessee, almost midway between Mobile and St. Louis on the Gulf, Mobile and Ohio Railroad; between Chicago and New Orleans, on the Illinois Central Railroad; between Memphis and Nashville, and Paducah and Memphis on the Nashville, Chattanooga and St. Louis Railroad. In addition to the railroad

facilities, Jackson is now the center of nearly as many bus routes, and fine highways radiate out in every direction.

Jackson is a progressive city of thirty thousand inhabitants, distinguished for hospitality and beautiful residences. Though industries abound and prosper, it is peculiarly a city of homes and flowers, a place of culture and refinement; alike attractive to the resident, the visitor, and the student. Many families have moved here primarily for superior educational advantages.

Equipment, Grounds, and Buildings

Value

The following statement as to the value of the University property is taken from the auditor's report:

Buildings, Grounds, and Equipment	$620,003.20
Endowment, Current Assets, and Endowment Notes	366,907.79
Total	$986,910.99

The Tennessee Baptist Convention appropriates money each year to the college for current expenses. The amount received last year was approximately $51,000 which is equivalent to the income from an additional endowment of $1,700,000.

Grounds

The campus proper of the University, containing approximately 10 acres, is located in the eastern part of the city within four blocks of the business district.

Buildings

Adams Hall—On August 13, 1918, the front part of Adams Hall was destroyed by fire, but was rebuilt, and made better and more modern than before. Since July, 1945, the building has been completely repaired and redecorated.

Everette Lovelace Hall—This dormitory for young women is a home-like, three-story building, sufficiently large to house fifty girls comfortably.

Joseph A. Crook Hall—The Joseph A. Crook Hall, the young women's home on the south campus, was erected in memory of the late Dr. J. A. Crook, who was a member of

the Board of Trustees for forty years. This modern fireproof, two-story building has recently been renovated. It is sufficiently large to accommodate 50 girls comfortably.

Barton Hall—This is the Administration building and contains the administrative offices, recitation rooms, the chapel, the book store and post office, and two fraternity rooms.

Dining Hall—The dining hall is conveniently located for all resident students. The kitchen adjoining is well equipped and modern in every respect. A new building is under construction.

Home Management House—This building is of Dutch Colonial design, adequate in size and arrangement for successful laboratory use in home management. At present it is being temporarily used as a fine arts building.

Library and Reading Facilities—A new library and reading room was opened in the fall of 1947. There are about sixteen thousand volumes, besides pamphlets, including the T. T. Eaton bequest. The reading room contains the leading magazines, religious periodicals, and daily papers. The Jackson Free Public Library is within four blocks of the University, on College Street, and our students have free access to it. The library is rapidly being enriched for greater usefulness.

I. N. Penick Home—A two-story brick house, the former home of Dr. Penick, was given to Union University by his grandson, Paul Isbell, for married ministerial students who are attending college classes.

The Athletic Field—During the session of 1937-1938 Union deeded to the City of Jackson its football field, on condition that the city erect a stadium at a cost of $40,000, which is just across the street from Union's campus. There are seating accommodations for 5,000 people in concrete stands, and a modern cinder track circles the grounds. The field has been well graded, and is covered with a beautiful turf. During the past year a field house has been constructed on the practice football field for the storage of uniforms and equipment, and to provide dressing rooms for the squad.

Student Union—A new student union building was begun in May, 1947 and is at present under construction. It will

accommodate cafeteria, social and religious centers, music department, home economics department, book store, and other much needed facilities.

Physics and Physical Education Buildings—Five one-story structures have been erected during the past year which provide space for the physics department, mechanical drawing, radio, physical education and other educational facilities.

STUDENT LIFE

Fundamental Regulations

First. Students are not permitted to give entertainment during the college session, either on the campus or in the name of the school or any department or any organization of it, in the city, without consent of the President or faculty committee.

Second. Only bona fide students will be permitted to represent the college in public performances. Eligibility, including academic standing, for participation in intercollegiate sports is determined by the Southern Intercollegiate Athletic Association and the Volunteer State Athletic Conference, both of which Union University is a member.

Third. Except by special consent, students must attempt to take not more than seventeen hours a quarter. Only in very exceptional cases will consent be granted for one additional hour. Students working for part of their expenses must take proportionately less school work.

Fourth. No clubs, fraternities, or societies may be formed unless the faculty, on application, approves the design of such organizations, the rules by which it proposes to be governed, and the hours of meeting. The faculty reserves the right to limit or to disband any such organizations.

Fifth. The following regulations govern eligibility to membership in any fraternity or sorority:

(a) All regular college students having the minimum of 30 college hours and 30 quality credits, excepting those who have not passed all their work for the quarter preceding initiation.

(b) Faculty approval for initiation will be conditioned upon grades as well as hour credit.

(c) In order for a student to be eligible for initiation, his number of quality credits must equal the number of hours attained, for any above minimum sophomore standing.

NOTE: (1) Fraternities and sororities must have the consent of the faculty to initiate any student.

NOTE: (2) All freshmen must have been in residence two weeks before being promised or pledged to any fraternity.

NOTE: (3) The membership of each of the men's fraternities is limited to twelve percent of the male students enrolled.

NOTE: (4) The membership of each of the women's fraternities is limited to thirty-five.

Sixth. No student will be allowed to deliver the same oration in more than one contest. This does not apply to intercollegiate contests.

Seventh. Students must be quiet and orderly in the residence halls, and thoughtful of the rights of others.

Eighth. While the faculty cannot assume full responsibility for the boarding students not on the campus, it reserves the right to make such regulations at any time as may seem advisable, and the violation of the regulations on the part of a student may deprive him of the privileges of the school.

Ninth. The faculty will deal with all of the student organizations in the matter of discipline as with individuals.

Discipline

The President of the University and the discipline committee are charged with the administration of discipline. They are clothed with power to rule in any irregularity pertaining to student routine.

All students on entering any of the halls, voluntarily and tacitly agree to obey all rules of conduct and deportment that govern the halls.

Adams Hall has Student Government under the direction of the hostess of the hall.

NOTE: It sometimes happens that a student's presence in a hall is inimical to the best interests of the hall, and yet specific charges are difficult or embarrassing to make. Sometimes it is an accumulation of minor things which, taken separately, appear trivial. Sometimes the charges may be too serious to be openly preferred. In all such cases the interests of the hall as a home and sometimes of the individual himself, demand that he change his residence. Therefore, the school in assigning rooms hereby explicitly reserves the right to cancel the reservation either before or while the student occupies the room without preferring any specific charge whatever. Only in such cases is room rent ever refunded. Students may petition for one's removal without stating charges, or of having their names known to any except the president and the hall superintendent interested.

Religious Life

Emphasis is placed not only upon the training of the body and the mind, but also upon the development of the moral and religious nature. In chapel exercises, in class rooms, in every relation where the occasion arises it is in accord with the policy of the college that emphasis be given to the need for and value of Christian living.

There are several religious organizations among the students:

First. The J. R. Graves Society exclusively for ministerial students, which meets once a week for discussion of religious topics. This society has made a valuable contribution to the religious development of the South. All are expected to attend.

Second. The B. S. U. (Baptist Student Union) Council, which has general concern for the religious activities of the school.

Third. The Y. W. A. is an organization of young women, which meets every other week, and which has made an excellent record for the past several years.

The students conduct prayer meetings regularly in their halls. Each day at noon they have a twenty minute prayer meeting in the chapel or some other designated room.

A revival is conducted each year at some time during the session, and other periods of religious emphasis are observed, such as Religious Emphasis Week and Religious Focus Week. Continuous emphasis upon Christian growth is carried out.

Fourth. The Personal Workers' Band is a new organization open to all students who wish to do personal work on the campus, through our churches and on mission fields. This group meets twice each month. The Bible Department offers basic courses, with due credit, that gives the student the proper background for this work. But this is a volunteer Band and is proving to be a great blessing on the campus.

Awards

The Zeta Tau Alpha Award of fifteen dollars to the senior of the June class graduating summa cum laude.

The Chi Omega Award of fifteen dollars to the non-Chi Omega girl who makes the best record in psychology.

The Charles H. Strickland medal, established by Mrs. C. H. Strickland for the best orator in the senior class. This is an endowed medal.

The Elizabeth Tigrett medal, founded by I. B. Tigrett in honor of his mother. The award is based on the following qualities and characteristics: citizenship, character, leadership, scholarship, school service. It is awarded to the senior who has in the opinion of the faculty, made the best record during the four years in college. The student must be a member of some literary society or literary club. This medal carries with it the highest honors of the senior class.

The M. E. Dodd award on Expository Writing was endowed by Dr. M. E. Dodd in 1943. It is open to juniors and seniors who have proved themselves loyal to the J. R. Graves Literary Society of Inquiry. The papers are graded on thought, content, clearness of expression, and maner of delivery.

Student Organizations and Activities

The University is not responsible for any financial obligation incurred by a student organization, student, member of faculty, or employee unless authorized by the President or Business Manager in writing.

Athletic Association

This association promotes and fosters teams and games in football, basketball, track and tennis. It stands for and insists upon clean and wholesome athletics and has maintained very high standards. Through its high standards and influence, young men are toned up in their moral character and ideals, and even in their religious views.

Union is a member of the Southern Inter-Collegiate Athletic Association (S.I.A.A.) and the Volunteer State Athletic Conference.

Intramural Athletic Activities

During the fall and spring quarters in particular, a program of intra-mural sports is carried on in such activities as volley ball, horseshoes, badminton, soft ball, ping pong, etc., for both boys and girls. A point system is used and awards are given at the close of the year.

Student Publications

"Cardinal and Cream"

This is a bi-monthly college paper edited and published by the students and is a bright, readable paper. Sample copies will be sent upon request.

"Lest We Forget"

This is a beautiful year book, well bound, and issued every year by the students. It is a volume always greatly prized by the students, and one that grows in value with the passing years.

Clubs

Student Council

The membership of the Student Council is composed of a representative from each of the four classes, one representative elected by the student body at large, and the president of the student body. The purpose of the Council is to provide a means of mediation for any problem that may arise from the student body, and to be a nucleus for planning any sports, contest, or event that will help build the morale of the school. The Council meets regularly in the office of the president.

Boosters Club

The Boosters Club is a new organization composed of representatives elected from the various geographical clubs. Its main purpose and aim are to foster and encourage the various student activities and to lend support and guidance to them. This club works in close relationship with the Student Council.

Latin Club

Fifteen young men and women, sponsored by a member of the faculty, compose this club, which is both literary and social. Only students making a B average in Latin may belong. The purpose of the club is to grow in the knowledge of Latin and its background.

Nestor

This is a special literary club of upper classmen consisting of thirteen members, and is organized to promote special scholastic interest and attainments. When a vacancy is caused by the graduation of some member, a new member is elected as his successor from the upper classmen.

Hypatia

This is a literary, dinner-club of upper class girls, limited to sixteen in number who are majoring in English, and the head of the English Department as sponsor. It is intended to train the girls for success in such clubs after they leave school.

The Rutledge Honorary History Club

This club is open to all history majors and to those who have a first minor in history if they have a high scholastic standing. Its purpose is to encourage scholarship and to aid the students in keeping abreast with historical events as they occur.

The W. A. Owen Law

This club is composed of pre-law students and functions only when there is sufficient demand for it. It is sponsored by the History Department.

The Palladian Breakfast

This club endeavors to carry on the ideals and traditions of the Palladian Literary Society which was organized over fifty years ago. It is a literary club composed of fifteen young women. The sponsor is elected annually when the officers are chosen.

Home Echo

The Home Echo Club is composed of freshmen and sophomore girls who have made an average of B in their Home Economics courses. The purpose of the club is to provide group study in the field of Home Economics.

Geographical Clubs

These clubs are composed of the students of the different geographical regions of the United States, mainly by states, such as The Mississippi Club or the Kentucky Club. Each student is a member of one of them.

The Footlights Club

This is an organization of students who are interested in the drama. It is supervised by the instructor of speech and sponsors all play production, including a play tournament, one-act play night, and a major production.

Euterpean Club

Named for the mythical Greek Godess of the Arts, Euterpe, the Euterpean Club is devoted to the artistic and cultural interests of the Union campus. Active members are predominately majors in Art, Drama, and Music. Its student programs and projects are designed to bring all Union students closer to the functional side of the Fine Arts in modern American life.

NOTE: Each club operated under a Faculty sponsor.

Literary Societies

G. M. Savage: For men.

Enonian: For women.

Euphrosynean: For women.

Fraternities and Sororities

Union has five national fraternities—Alpha Tau Omega, Sigma Alpha Epsilon, Chi Omega, Zeta Tau Alpha, and Tau Kappa Alpha. The last named is an honorary forensic fraternity. They have their own special activities and functions, and add variety and charm to the college life.

Debating

The debating of Union is under the direction of a faculty debate sponsor. The varsity team, selected in competitive tryouts, meets teams from other colleges in single contests and in various tournaments. Each member of the regular team receives three hours' credit for a year's participation in this activity.

University Health Service

It is the aim of the University to help the student maintain the highest possible standard of health, certainly not lower than that enjoyed before he entered school. It is even hoped that by sound advice we may be able to improve the health condition of many and will do so with the cooperation of the students.

To this end the University has employed a College physician and adopted a sound physical training program for all, and will insist upon its observance within bounds of safe medical advice of the College physician.

Each student upon enrolling will be thoroughly examined by the College physician. He will be re-examined at the beginning of each year and at such times and in such manners as deemed necessary by the University.

The health status of the students will be taken into consideration for those wishing to carry an unusual load.

Athletes must be approved by the College physician before being permitted to participate in major sports. Examinations will be repeated during the period of participation in said major sports.

Persons found to be disease carriers, or to otherwise constitute a health menace to the school will be asked to withdraw from the University.

No fee will be assessed other than the medical fee as stated under expenses. To aid the College physician the University employs a trained nurse and maintains a sick and convalescing ward.

GENERAL UNIVERSITY REGULATIONS

Change of Classes

No change can be made without the written consent of the Professor or Professors concerned, and the Dean, and the permit must bear the Bursar's stamp. Any student who makes a class change without a change card properly filled in, and filed with the Bursar at the beginning of the term, shall not receive credit for the work of the course in question, even if claim is made at the close of the term. (These fees may be remitted where changes are made upon the recommendation of the Dean or President, or if necessitated by any changes made in the program by the Dean. Fees remitted only upon the approval of the President or Dean.)

No change may be made in classes after one and one-half weeks of the term have elapsed.

Size of Classes

Except under extreme circumstances, classes will be composed of a minimum of 10 to 12.

Dropping of Classes

No course may be dropped after the third week, except in case of extreme illness. In such case a physician's certificate, approved by the college physician, must be submitted.

Notice of intent to withdraw should be filed within a week after the student becomes ill.

No student will be permitted to withdraw for any reason after nine and one-half weeks of the term have elapsed.

Grading System and Quality Credits

All work is graded by letter which may be interpreted in percentage figures as follows: A 95-100, B 85-94, C 75-84, D 65-74, F below 65. A. B. C, and D are passing grades, F is failure. A failure can only be removed by taking the course over again in class. P, indicating incomplete work, or absence from examination by excuse, must be made up within the next quarter of the student's residence; otherwise the incomplete grade becomes a failure.

For graduation a student must present a minimum of 192 quality credits, in addition to the regular 192 hour credits.

When more than 192 hour credits are presented, the number of quality credits must equal the number of hour credits. It is not enough to have the required number of credits; they must be of standard quality. The system of quality credits is as follows:

Three quality credits are given for each credit hour of "A" grade, two quality credits for each credit hour of "B" grade, one quality credit for each credit hour of "C" grade, and none for grades of "D". Two quality credits shall be subtracted for each hour of "F" grade.

NOTE: A student failing on half of any quarter's work will be warned. If he does not improve in the succeeding quarter, he will be asked to withdraw from school.

Honor Students

Students making an average of 2.5 quality credits for each hour of credit, which is halfway between "A" and "B", during their college course, graduate as honor students, *cum laude;* the one ranking highest, with *summa cum laude;* and the three ranking next below the highest, with *magna cum laude,* provided all are above the required 480 quality credits.

Numbering of Courses

The courses in the different departments are numbered from 100 to 500.

Courses from 100 to 199 are Freshman courses.
Courses from 200 to 299 are Sophomore courses.
Courses from 300 to 399 are Junior courses.
Courses from 400 to 499 are Senior courses.

Loss of Credit

Any student leaving a freshman subject until the senior year shall receive one hour less credit each quarter for the delayed work.

Regulations Concerning Quantity of Work

Freshmen, except pre-professional students, may not register for more than sixteen hours during their first quarter. After this time they may register for not more than seventeen hours unless during the preceding quarter they made an average of "B" or above. The maximum number of hours for any student is eighteen.

Students who have employment other than school work may not at any time take over sixteen hours.

Class Absences

At the end of each week each teacher shall make a report to the Dean's office of all absences in his classes.

A student who is absent from class more times than the number of periods the class meets per week will be charged with one-half quarter hour per course missed, this negative hour to be charged against the total number of hours for which the student is enrolled. If he is absent more than twice the number of times the class meets per week, he will be charged with an additional one-half quarter hour per course missed.

A student who is absent more than two and one-half times the number of periods the class meets per week will be automatically dropped from the class. Upon recommendation of the discipline committee, he will be dropped without penalty. If not approved by the discipline committee, he will be dropped with failures in the courses missed.

This rule does not apply to members of student body absent as approved representatives of the school; in such cases absences from chapel and classes are not counted except that work must be made up.

Chapel Absences

All students are required to attend the regular chapel exercises a specified number of times each week.

If the number of absences from chapel in any quarter exceeds the number of times the student is required to attend each week, the student will be charged with one-half quarter hour. If the number of absences doubles the number of times he is required to attend each week, he will be charged with an additional one-half quarter hour. If the absences triple the number of times he is required to attend each week the student will be automatically suspended from school the remainder of the quarter unless reinstated by the discipline committee.

ABSENCES FROM CLASS AND CHAPEL IMMEDIATELY PRECEDING AND IMMEDIATELY FOLLOWING STATED HOLIDAYS WILL BE CHARGED AS DOUBLE CUTS.

Classification of Students

College students will be classified as follows:

(a) A student will be classified as a freshman who has no conditions required for entrance and who is carrying at least twelve hours of freshman work.

(b) A student will be classified as a sophomore who has at least 36 hours of college work to his credit and 36 quality credits.

(c) A student will be classified as a junior who has at least 84 hours to his credit and 84 quality credits.

(d) A student will be classified as a senior who has at least 129 hours and one quality credit for each hour.

Selection of Major and Minor Subjects

At the beginning of his junior year each student is required to choose the department in which he wishes to major, and then to consult the head of that department regularly thereafter in selecting the courses of study to be pursued. The student will be permitted to change to another department only by the consent of a committee consisting of the Dean and the two professors involved.

Correspondence and Extension Work

Neither correspondence nor extension work is offered by Union University.

Degrees Offered

The University at the present is offering but two degrees—Bachelor of Arts and Bachelor of Science.

A student may have two bachelor degrees (e.g., Bachelor of Arts and Bachelor of Science,) conferred when the requirements of both have been fully met, provided that he has not fewer than forty-five hours to offer, over and above that required for the first degree.

FINANCIAL INFORMATION

Expenses

The regular school year is composed of three quarters, but the total school program is divided into four quarters for the adjustment of classes and the payment of fees.

The expenses of a student are due and payable at the beginning of each quarter and must be paid or satisfactory arrangements concerning them made with the bursar before he can enroll in any class.

Students having unpaid bills at the end of the quarter will not be admitted to the examinations until satisfactory settlements have been made. This rule will be adhered to strictly.

Checks on parents can be received only when they are accompanied by written permission from parents.

Tuition

Tuition for those taking less than a full course, $7.50 per quarter hour for first three hours (includes all fees except lab. fees). For second three hours, $6.00 per credit hour. For additional five hours, $5.50 per credit hour. Full rates for all above. The regular amount of tuition per quarter is $85.50. This is based on sixteen quarter hours. For each hour in excess of sixteen the charge will be $3.

Fine Arts

Students enrolled in Fine Arts Division only will not pay a matriculation or student fee, but will pay a registration fee of $2. All students pursuing courses in Fine Arts will be charged tuition for the quarter as follows for two lessons a week:

Private Lessons, Voice	$48.00
Private Lessons, Piano	48.00
Private Lessons, Other Instruments	48.00
Private Lessons, All Music Subjects, Art, Drama, Special Coaching	48.00
Voice, Class Ensemble	12.00
Piano Ensemble	12.00
Other Instruments, Class Ensemble	12.00
Practice Rooms, one hour a day	6.00
Additional hour a day	2.00

Condensed Table of Expenses

Regular Year of Three Quarters
(Payable in three installments)

	Cash 1/3 at 1st of each Quarter
Tuition (three quarters), except special fees	$256.50
Board (three quarters)[1]	252.00
Room Rent (minimum) (three quarters)	63.00
College Annual Fee[2]	
Medical Fee (for boarding students only)	7.50
Total for the year	$579.00
Amount to be paid each quarter	193.00

A carrying charge of 5% may be added to the above if not paid within five days after due.

In calculating the total cost for the year, from the table above, students will add special fees.

Books, laundry, and personal expenses are not included.

Books and stationery (estimated) vary from $15 to $30 a year. Laundry from $15 to $30.

If higher priced rooms are wanted, the difference must be added.

Graduation Fees

Diploma	$10.00
Secretarial Certificate	5.00
Senior Examination	1.00
Cap and Gown (Minimum Fee)*	2.00

Room Rent

(Each person per quarter)

One-window room	$21.00
Two-window room	24.00
Three-window room	25.00
Four-window room	26.00

The above rates apply to rooms in both girls' and men's dormitories, excluding rooms No. 301-310 in Adams Hall which have an additional charge of $5 per quarter.

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[1]This price may be revised any quarter according to fluctuation in food prices.

[2]This is collected for the student body. Its payment is not compulsory. The fee fluctuates according to printing costs.

*Subject to increase.

The University will take every precaution to prevent loss of property through fire or other causes, but in no case do we assume any liability for the property of an occupant of a dormitory or other rental property.

Students living in the halls and doing their own cooking will pay additional for water, heat, and light. The extra charge will be: fall quarter $8, winter quarter $10, spring quarter $8, and each summer term $4.

Room Reservation

We have a limited number of rooms, and for the past several years they have been engaged before the opening of school. This has necessitated our requiring a reservation fee of $10, which is not refunded, but is applied on the students' account.

Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacation in order to claim his contingent deposit.

Laboratory Fees

A small laboratory fee is charged each student who works in the laboratory, to cover the cost of reagents consumed. They are:

Home Economics	
Courses 117, 118, 406, 415, 419, each	$1.00
Courses 101, 116, 221, 222, 223, 321, each	2.00
Course 315	2.50
Course 100	3.50
Courses 215, 216, 219, 408, each	5.00
Biology	
Courses 203, 206, 312, each	$7.50
Course 420	7.50
All other courses, each	5.00
Chemistry	
Advanced Laboratory	$7.50
Freshman Laboratory	5.00
Mathematics	
Surveying, per course	$1.00
Physics	
Courses 201, 202, 203, each	$5.00
All other courses, each	7.50
Secretarial Science	
Courses 131, 132, 133, 223, each	$4.00
Course 421	2.00

Late Entrance Fees

A late entrance fee of $5.00 will be charged those not completing their enrollment through the Bursar's office by the date specified in the calendar.

Deposit Fees

Each student living on the campus or enrolling in a biology, physics, chemistry, or laboratory course in home economics makes a contingent deposit of $10 to cover breakage or damage for which he may be held responsible. The whole or any unexpended part of the contingent deposit will be refunded when the student graduates or definitely withdraws from the University without graduating, provided the student has not previously left the University without permission. From time to time, as circumstances require, demand will be made for restoration of the contingent deposit to the original amount, in the event damage charges have reduced the deposit. This deposit covers laboratory breakage, key deposit, and any other miscellaneous items for which special payment may be due from the individual student.

Refunds

Room rents, matriculation fees, student fees, maintenance fees, and room reservation fees *are never refunded.* Board is refunded for absence of complete weeks, no fractions of a week considered. No refunds may be claimed for board for the last week of any term.

Tuition is refunded, provided that no refund will be considered for less than one month's absence in any term, and full month's tuition will be charged for any fraction of month that the student may be in attendance. Refund of tuition in cases of withdrawal from school for disciplinary reasons is left to the discretion of the administration. Students in refusing to conform to the disciplinary rules of the school forfeit all claim for refunds.

No refund will be made for reduction in number of credit hours after the lapse of two weeks of the term.

The claim for refund will be considered only from the date Bursar is notified in writing of absence. Where possible

the Bursar should be notified in advance. No claim may be made for time preceding such notification. Reasons for these rules are obvious.

Any student rooming on the campus who vacates his room before the end of the year must serve written notice two weeks in advance of vacation in order to claim his contingent deposit.

All athletic equipment issued to the students must be returned by them to the equipment man for credit. Otherwise, it will be charged against their accounts and they will be required to pay for it.

It will be observed that all of the above rules and regulations put the responsibility upon the student. He saves money and avoids misunderstanding by seeing the President and Bursar immediately.

Loan Funds

Walter Gray Fund

In August, 1918, Mrs. Sallie Patrick gave the University a sum of money to be used as a fund to be loaned to worthy students in memory of her deceased son, Walter Gray. In the first year it enabled nine of the best students in college to continue through the year. Most of them have since graduated and are holding good positions. Mrs. Patrick was so well pleased with the results that she later visited the college and added another thousand dollars to the fund. She left in her will $1,000 for this fund, which has assisted about forty young people. This fund now amounts to nearly $2,000.

Betty Sevier White Memorial Fund

The Betty Sevier White Memorial Fund was established in January, 1919, by her husband, Mr. Henry White, and son, Henry White, Jr., of Jackson, Tennessee. The establishment of this fund is a worthy tribute to one who had been active in her church life and in her interest in young people.

Lanier Fund

In September, 1920, Mr. W. J. Lanier brought to the President's office $1,500 in bonds, requesting that it be used in assisting worthy students, establishing a fund in memory

of his father and mother, Mr. and Mrs. J. P. Lanier, and his daughter, Rubie Marie. Mr. Lanier has later made additions to this fund.

W. H. Nichols Fund

In April, 1921, Mr. W. H. Nichols established a fund to be loaned to young ladies studying for missionary work. Mr. Nichols was touched by the fact that while there has been much done for the education of young preachers, there has been no fund of this kind to assist missionary girls.

L. J. Brooks Fund

In May, 1921, Dr. L. J. Brooks, an alumnus of West Tennessee College (now Union University), established a fund of $500 in grateful recognition of his interest in his Alma Mater, and in young people who have to struggle in getting through college.

Waldrop Brothers Fund

In April, 1922, Messrs. Homer and Floyd Waldrop, students in Union University, realizing the need and value of such funds, established a loan fund of $500—a worthy monument to two worthy students.

Ministerial Loan Fund

A fund provided in recent years by the Baptist State Executive Board to be loaned to young ministers.

Class of 1922-23

The class of 1922 established a fund of $1,000 as a class memorial. It was their hope that other classes would follow their example, which in the course of a few years would establish sufficient funds to afford every worthy student the opportunity of a college education.

The class of '22 was not disappointed, for the class of '23 followed their example and established a fund of $570.

H. C. Saunders Fund

Because of his deep interest in Christian Education, Dr. H. C. Saunders has set up a Loan Fund for worthy young men and women, which now amounts to $1,000.

The Crump Fund

Mrs. W. O. Crump, being impressed with the possibilities of loan funds for rendering a great service to worthy young people, has started a fund with $200.

Mrs. Alice Sturgis Auston Loan Fund

This fund was given to the college by Miss Lara Kendall in memory of her mother, Mrs. Alice Sturgis Auston, to be used to aid young women in securing a Christian education.

J. J. Hurt Scholarship Fund

A scholarship fund established in 1945 by President Emeritus John Jeter Hurt and his sons, available to students who satisfy scholarship requirements to be set up by the donors.

Norton Ministerial Aid Fund

Because of their concern for students who have dedicated their lives to special religious service, Mr. F. L. Norton and daughter, Mrs. R. W. Norton, in 1945 established a fund for these worthy students. The gift now amounts to $3,722.50 and it is being supplemented each year.

Hall-Moody-I. N. Penick Loan Fund

The trustees of Hall-Moody Junior College have transferred to Union University the loan funds that had been donated there, amounting to something more than $5,000, this fund to bear the name indicated. This fund is represented at present almost entirely by notes of students to whom it has been loaned. It will become available for students in Union as the notes are paid.

The Clarence E. Pigford Memorial Scholarship

Mrs. Clarence E. Pigford has given to the University the sum of $2,500.00 to create a perpetual scholarship to be known as the Clarence E. Pigford Memorial Scholarship. The annual returns from this investment shall be donated to some worthy young man or woman. This is a memorial to one of the University's most distinguished alumni.

Other Funds

Certain Sunday school classes in the First Baptist Church, Jackson, the Men's Sunday school class of the First Baptist

Church, Clarksville, the West Jackson Church, and the W. M. U. of the Central Association have given funds which have made it possible for several students to remain in school. The late Miss Mabel Edenton established a fund of several hundred dollars. The S. S. Sargent Loan Fund for Teachers and the Laura Pettigrew Appleton Fund were established by H. B. Appleton. A special friend of '27 is establishing a fund by monthly contributions.

Still other funds established by individuals and organizations are: Cox Ministerial, Crook, Chi Omega, Guy C. Hall, Metz, Missionary Girls, Hattie Mackey, R. K. Bennett, Crockett, and Loan Fund for Girls.

Rules and Regulations

The above funds, except those designated otherwise, are loaned under the following regulations: First, funds are available to students who have demonstrated their real worth in college. Class records and deportment in general are considered. They must be recommended by all their teachers. Second, six per cent interest is charged. Third, at present, owing to the limited amount at our disposal we must limit the amount loaned to any student to one hundred dollars a year. Fourth, students who do not have insurance protection or property must offer approved security.

ADMISSION

General Requirements

Sex. Applicants of both sexes are admitted to the University on equal terms.

Age. An applicant must be at least 16 years of age.

Character. An applicant must furnish satisfactory evidence of good moral character; and if transferring from another institution of higher learning, must present certificate of honorable dismissal.

Vaccination. An applicant must present a certificate showing that he has had smallpox or has been successfully vaccinated.

Physical Examination. All applicants for room in any of the dormitories must take a general physical examination given by the University physician.

Scholastic Requirements

For regular admission to the freshman class a student must be a graduate of an accredited high school with 16 units, and must rank above the lowest quarter of his graduating class. The sixteen units presented must include:

	Units
English	3
Mathematics*	2
Social Science	1
Science**	1
Electives	9
Total	16

Preliminary Entrance Requirements

High school graduates applying for admission to Union must secure an entrance certificate from the office of the dean.

Before this certificate can be granted the applicant must file the following information in the office of the dean:

1. A transcript of his high school work containing the following: (a) A recommendation of the applicant from his principal*** or superintendent, and (b) A statement from the principal or superintendent giving the rank of the applicant in his graduating class.

2. A personality and ability rating sheet from the high school principal or superintendent.

3. A personal evaluation sheet filled out by the student himself.

Preliminary Steps for Students Transferring from Another College

Before enrolling at Union a student transferring from another college to Union University must present transcript of all his credits from institution last attended, or furnish official information concerning his status in that institution including grades made and subjects taken—all of which is the student's responsibility.

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*Pre-engineering students and students planning to major in mathematics should present one unit in plane geometry.

**Home Economics and Agriculture may be substituted for this requirement.

***Except in cases of refusal by members of Southern Association High Schools.

Other Regulations Pertaining to Transfer Students

Transfer students from other colleges who do not present the required sixteen units from an accredited high school, but who have been accepted through some process of examination other than G. E. D. tests can be admitted only on the face of excellence of work transferred, and on the condition that a "C" average be maintained during the first three quarters at Union.

A high school graduate who is not eligible for regular admission may enroll in Union, but he will be placed on probation during his first year. In order for him to remain in college, he must do during that time the minimum amount of work expected of other freshmen.

A student who served in the armed services may enter with a minimum of four high school credits if he presents a properly certified statement that he has made an average score of not less than 45 on the General Educational Development Test.

A student with a high scholastic rating from a non-accredited high school can have his entrance credits validated only after one year in college has been completed with a scholastic average of not less than "C".

Union will accept credits from other recognized liberal arts colleges and from universities if the work to be transferred is not of too highly specialized nature and parallels satisfactorily the courses offered in the curriclum at Union. No credit will be given for any course transferred if the grade in that course is lower than a "C" or its equivalent.

Not more than ninety-nine quarter hours will be accepted from a junior college. A maximum of twelve quarter hours of extension work and/or correspondence work will be accepted from other institutions.

A student who has been asked to withdraw from another college because of poor scholarship can be accepted only on the following conditions:

(a) That an interval of at least one quarter must have elapsed from the time of his dismissal before he is admitted.

(b) That he maintain a "C" average during his first year in residence at Union.

(c) That in the event that he does not average "C" during his first year he shall, upon the recommendation of the Dean and the Registrar, be required to withdraw from college.

Registration

The Opening

The first day of registration will be Thursday, September 2, continuing through September 7. By the end of September 7, all student enrollment should be complete.

Registration for Courses

A student may not receive credit for a course for which he is not properly registered.

Only under emergency conditions approved by the dean may a student register for three days per week. In such cases he may carry a maximum of twelve hours per quarter, but if he is employed for as much as three days a week he will not be enrolled for more than nine quarter hours.

No boarding students will be allowed to carry fewer than fourteen hours work, except upon advice of the college physician, or by special consent of the dean.

Paying Fees as a Part of Registration

A student is not registered and is not entitled to University privileges until he has paid his fees, or until he has made satisfactory arrangements with the Business Office.

PRE-PROFESSIONAL & PROFESSIONAL COURSES

TWO-YEAR BUSINESS COURSE

First Year

	Quarter Hours
English 100, 101, 102	9
Sec. Sci. 131, 132, 133	9
Math. 101, 102	6
B. Ad. 201	3
B. Ad. 101, 102, 103	9
Geography 211	3
Economics 201, 202, 203	9
	48

Second Year

	Quarter Hours
Pol. Sci. 202	3
Sec. Sci. 231, 232, 233	9
Sec. Sci. 221	2
Sec. Sci. 222	2
Sec. Sci. 223	2
B. Ad. 241, 242, 243	12
Speech 213	3
Electives	15
	48

TWO-YEAR PRE-DENTAL COURSE

First Year

	Quarter Hours
Inorganic Chemistry 104, 105, 106	12
Mathematics 101, 102, 103	9
Zoology 101, 102, 203	12
English 100, 101, 102	9
Electives*	11
	53

Second Year

	Quarter Hours
Organic Chemistry 207, 208, 209	12
Physics 201, 202, 203	9 or 12
English	9
Electives*	21
	54

TWO-YEAR PRE-ENGINEERING

Suggested courses for students interested in Engineering

Union not being an engineering school does not attempt to offer all courses included in any one year of any type of engineering, nor do we guarantee that the following program will be suited to any particular engineering college.

The following courses, however, will meet the major requirements for engineering students in the first two years of a regular engineering school.

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*The following subjects are recommended for Electives: Mathematics, English (additional), History, General Psychology, Mechanical Drawing, Foreign Language, Economics, Sociology.

First Year

	Quarter Hours
Mathematics (Alg. 101e, Trig. 102e, Anal. 103e)	15
English 100, 101, 102	9
Chemistry 104, 105, 106	12
Physics 201, 202, 203	12
Mechanical Drawing 201a, 201b, 201c	3
	51

Second Year

	Quarter Hours
Mathematics (Calculus 205, 206, 207)	12
Surveying 210a, 210b	6
Physics 209, 210	6
Economics* 201, 202, 203	9
Electives **	18
	51

FOUR-YEAR HOME ECONOMICS COURSE

First Year

	Quarter Hours
Related Art 115	3
English 100, 101, 102	9
Clothing 117, 118, 119	9
Chemistry 104, 105, 106	12
Physical Education	3
Electives	12
	48

Second Year

	Quarter Hours
English 202, 203, 204	9
Biology 101, 104, 206	12
Foods 100, 215, 216	9
Home Management 221	3
Psychology 201, 210, 212	9
Economics 201, 202 or 203	6
Physical Education	3
	51

Third Year

	Quarter Hours
Clothing 321	3
Foods and Nutrition 315	3

*Recommended only for civil engineering.

**Suggested electives: Descriptive Geometry and Mechanical Drawing. Electives chosen depending on type of engineering desired.

Home Management 323	3
Related Arts 318, 320	6
Religion	9
Biology 210, 211	6
Electives	18
	48

Fourth Year

	Quarter Hours
Home Management 415, 418	6
Hygiene	3
Electives	39
	48

TWO-YEAR PRE-LEGAL COURSE

First Year

	Quarter Hours
English 104, 105, 106	9
History or Sociology	9
Science or Mathematics	9
Commercial Law	9
Foreign Language	12
	48

Second Year

	Quarter Hours
English	9
American History	9
Economics 105, 201, 202, 203	12
Political Science 201, 202, 203	9
Foreign Language	9
	48

TWO-YEAR PRE-MEDICAL COURSE

First Year

	Quarter Hours
Chemistry 101, 102, 103	12
Mathematics 101, 102, 103	9
Biology	12
French or German	12
English 100, 101, 102	9
	54

Second Year

	Quarter Hours
Chemistry 241, 242, 243	12
Physics	12
French or German	9
Biology	9
Embryology	3
Comparative Anatomy	3
	48

All students who complete the pre-medical course and do one additional year of prescribed work in residence in Union University before entering a medical school may receive the A. B. degree upon completing one year in an approved medical school. The work must be certified to Union University by the first of April preceding the commencement, and the student must have been approved as a candidate by the faculty, upon application, by October 15, preceding. A satisfactory thesis upon an approved subject must be presented.

Vanderbilt University requires three years of college work for entrance into the School of Medicine including two years of German. The University of Tennessee School of Medicine suggests that those of our students planning to enter that University put more time upon Biology and Chemistry, even at the expense of French and German.

ONE-YEAR PRE-PHARMACY COURSE

	Quarter Hours
Inorganic Chemistry (must include qualitative analysis)	12
English 100, 101, 102	9
Mathematics 101, 102, 103	9
Zoology 101, 102	8
or	
Physics 201, 202, 203	12
Economics or History or Psychology or Sociology	9
	47
	or
	51

FOUR-YEAR PHYSICAL EDUCATION COURSE

First Year

	Quarter Hours
Biology 100, 101, 102	12
English 100, 101, 102	9
Mathematics 101, 102, 103	9
History	9
Physical Education 100, 101, 102	3
Health Education 234	3
Electives	3
	48

Second Year

	Quarter Hours
Biology 210, 211, 207	9
English 202, 206	6
Speech 210, 213	6
Physical Education 200, 201, 202, 205	6
Bible	9
Economics	3
Electives	9
	48

Third Year

	Quarter Hours
English 318	3
Health Education 308	3
Physical Education 305	3
Physical Education 300, 301, 302, 303, 304 (any 3)	6
Electives	33
	48

Fourth Year

	Quarter Hours
Biology 445	4
Health Education 413	3
Physical Education 421	4
Physical Education 400	3
Electives	34
	48

TWO-YEAR CURRICULUM FOR TEACHERS

Designed to train teachers for elementary schools. Students completing the two-year curriculum will be entitled to receive a permanent professional certificate to teach in the elementary

schools of the State. They may complete also the requirements for graduation with the A. B. or B. S. degree in two additional years.

First Year	*Quarter Hours*
English 100, 101, 102	9
Biology 100 and six additional hours of general biology, zoology and/or botany	9
History 101, 102, 103	9
Geography 100	3
Home Economics 101, 115	6
Public School Music 234	3
Education 106	3
Mathematics 200*	3
	45

Second Year	*Quarter Hours*
English 201**, 202, 203, 206	9
Psychology 201, 210, 212	9
Education 202c, 203, 204, 403	12
Geography 210, 211	6
Health Education 308, 315***	6
Physical Education 205	6
Music 235	3
	51

Students who entered college before the fall quarter of 1938 may obtain an elementary teacher's certificate by meeting the following requirements:

1. 90 quarter hours of college credit, 18 of which must be in education.
2. 72 weeks of work in residence.

FOUR-YEAR CURRICULUM FOR TEACHERS

Elementary Teachers: The two-year curriculum as outlined above constitutes the requirements for a permanent professional elementary certificate in Tennessee. Students who plan to spend four years in college, however, may distribute this work over the longer period. Salaries of elementary teachers in Tennessee are based on number of years of college work. Students qualifying for the elementary certificate with three or four years of college work receive a higher salary rating than those who qualify with two years of college work.

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*Required of students entering after summer quarter 1944.

**Required.

***Students entering before May, 1942 may take Health Education 413 instead of Health Education 315 and Home Economics 221 instead of Health Education 308.

NOTE: Workshops for inservice teachers will be organized to meet certification requirements for elementary teachers. The amount of credits earned through workshops may not exceed certification requirements in the various subject fields. Credit for this work will be recorded under the appropriate departments and by course name and number as listed in the catalogue.

High School Teachers: Students who wish to secure a permanent professional high school teacher's certificate in Tennessee may do so on the basis of the following qualifications:

1. Complete all requirements for the A. B. or B. S. degree.
2. Complete the following professional courses:
   a. Education 318, 402, and Psychology 201, 210.
   b. Six quarter hours of special methods in subjects in which the student expects to certificate,
      or
      three quarter hours of special methods in a subject in which the student expects to certificate and three quarter hours of directed teaching.
   c. Nine quarter hours selected from Education 209, 320, 404, 415, 416, and Psychology 319.
3. Complete the required number of quarter hours in each of the subjects in which it is desired to certificate. Since the number of quarter hours required and their distribution varies in the different subject fields, the student will plan this work in consultation with the heads of the departments of those subjects in which he expects to certificate.

NOTE: (a) The requirements under 2 and 3 above may be included in the work offered for the degree. (b) After July, 1949, applicants for a high school teacher's certificate will be required to have practice teaching.

Four-Year Secretarial Certificate

A four-year secretarial certificate, in addition to a degree in Commerce, will be granted to the students who complete the requirements for the degree and at the same time include:

	Quarter Hours
Commercial Law 101, 102, 103	9
Typewriting 131, 132, 133	9
Personality Development 221	2
Filing and Indexing 222	2
Office Appliances 223	2
Shorthand 231, 232, 233	9
Advanced Secretarial Techniques 421	3
Secretarial Office Practice 422	2
Business Communication 324	2

PHYSICAL TRAINING AND INTERCOLLEGIATE ATHLETICS

Physical Training

Correlated with the health program of the school is an extensive physical training setup. This includes ample playground equipment and provisions for major sports to insure suitable exercises for all. Six hours of credit are required of all students in physical training,* unless excused by the University physician, and six hours in theory and health content subjects.

The physical training should be taken in the freshman or sophomore years, but for transfer students and others who have postponed this training it must be made up before graduating.

Teachers planning to supervise physical training in State Schools will be required to earn ten additional hours in physical training and health which with the twelve specified above aggregates twenty-two quarter hours.

The University employs a competent physical training instructor, a coach for major sports, and ample playground supervisors to make this program a success.

Intercollegiate Athletics

Union University believes in training the body as well as the mind and soul. Perhaps nothing encourages an interest in physical exercise more than college athletics. While it usually happens that those who are on the teams are already developed, and therefore do not need the inter-collegiate contests for their own physical growth, yet it is true that most of them were originally aroused to an interest in the development of their bodies either by practicing in games, or by watching the games of others.

In order that our college teams may be a credit to the institution, and that it will be a compliment to a young person

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*World War II veterans in regular session and mature teachers completing their work in summer school who are not majoring in physical education and who do not care for the physical education credit will not be expected to take the six hours of required physical education.

to be a member of the team, the faculty has adopted the following rules which will be strictly adhered to:

1. None but *bona fide* students of this institution shall be allowed to participate in inter-collegiate or inter-scholastic contests. By "bona fide" student is meant:

(a) Any student who is carrying a regular course of study of not fewer than twelve hours a week in the institution, and who was enrolled at or near the first of the term in which he plays.

(b) Any student who has not failed or who has been conditioned on not more than one-third of his work.

(c) Any student whose classification conforms to the rules governing classification of students.

2. A member of the faculty shall accompany all teams when away from the University.

3. *All funds shall pass through the books of the College office and all checks be signed by the Bursar and President, and the President shall approve all contracts or orders involving money.*

4. All rules of the SIAA and the VSAC will be adhered to whether or not they are included in those above.

GRADUATION REQUIREMENTS

General Requirements

The total number of quarter hours required for graduation is 192. Of this total 72 hours must be junior and senior courses. Credits are determined by quarters; one quarter hour means one hour of class work a week in a single subject throughout a quarter. The regular school year is divided into three quarters, so that the above is equivalent to 128 semester hours.

Minimum Attendance

Time, as well as hours of credit, is required for graduation. A minimum of eleven quarters of residence in an approved college is required for graduation. Of this time three quarters must be done in residence at Union University. All work of the quarter preceding graduation must be done in Union, except that of Pre-legal and Pre-medical students.

Work in Residence

Transfer students are required to take in residence at Union nine quarter hours in their major subjects and six quarter hours in their first minor subjects.

Minimum Amount of Language Allowed

No credit for graduation will be given for less than a year of language taken in college, unless the student has as much as two high school credits in the same language.

Maximum Hours Allowed in a Subject

The maximum number of hours allowed in any one subject is fifty-four.

Application for Graduation

Application for enrollment in the section of the senior class graduating in May or June should be filed in writing with the Dean not later than the beginning of the winter quarter. August seniors must have their application finally approved during the first summer term.

Faculty Approval

All candidates for graduation must be approved by the faculty. All conditions should be removed by the opening of the last quarter. No one with conditions may have his name appear on the class announcements without special permission of the faculty. Those who enter their last term with no condition may be excused from final examinations provided they have at least an average grade of "B" for the term. This rule does not apply to freshman subjects taken in the senior year, nor does it exempt in the spring quarter those who are to graduate in the summer quarter.

Comprehensive Examinations

Seniors in the class of 1949 will be required to pass a standardized comprehensive examination in their respective major fields as a prerequisite for graduation. Students who fail to take this comprehensive examination for the school year 1948-49 will be required to take a twelve hour seminar followed by a comprehensive examination.

Seniors of 1950 and thereafter will be required to pass both the general standardized comprehensive and the advanced comprehensive in their major fields as a prerequisite to graduation.

Occasionally students find it necessary to pursue their college work over a period of time longer than the average. Such students may graduate either under the course requirements specified in the catalogue of the year of their admission or those in force at the time of their application for graduation, except the requirements concerning number quarter hours taken in major field, which must conform to current catalogue.

Scholastic Requirements

The completion of the required 192 hours usually requires four years of forty-eight quarter hours per year. Of these the freshman and sophomore years are spent in general or introductory work, comprising courses in widely separated subjects. During the remaining two years, the student may combine his work within comparatively narrow limits. The work for the entire four year course consists of (1) Electives, (2) Prescribed courses, (3) major and minor courses.

Electives

A certain number of electives may be taken from the regular college courses offered in each department, but they must be from those which are not required in that particular group. The wise student will always finish his required work first. Failure to do this frequently forces students to take more than 192 quarter hours in order to graduate.

Prescribed Courses for Graduation with a Bachelor of Arts Degree

Lower Division*

English **	15 hours
Science—Biology, Chemistry, Physics	1 year
Social Science**—History, Sociology, or Political Science	12 hours
Physical Education	6 hours
Speech	6 hours
Religion**	9 hours
Mathematics	9 hours
Foreign Language	2 years

Upper Division

English—Advanced Composition	3 hours
Hygiene**	3 hours

Prescribed Courses for Graduation with a Bachelor of Science Degree

The same courses are required of students graduating with a Bachelor of Science degree as those required of students taking the Bachelor of Arts degree except the students planning to take a Bachelor of Science degree do not have to take a foreign language. In lieu of two years of foreign language they may substitute 18 hours of work in Mathematic and/or science above the amount required in those subjects.**

*The courses of the Lower Division are numbered between 100 and 299. Upper courses are numbered between 300 and 499.

**Courses in the other Division may be substituted with the consent of the Dean.

**This is interpreted to mean 18 hours over and above the required Science or Mathematics already listed. Four or more entrance units of foreign language—may be two units in each of two languages—with one additional year of one of these in College will satisfy the language requirement for the A. B. Degree.

Majors and Minors

By the beginning of his junior year each student is required to select one subject, to be known as his Major in which he shall present at least 36 quarter hours. Of these 15 hours must be from the Upper Division Courses—i.e., courses bearing numbers above 299.

Within his concentration group, the student must also choose two minors in subjects other than his major. His first minor must consist of not fewer than 27 quarter hours. Of these 9 hours must be from courses of the Upper Division. His second Minor must consist of not fewer than 18 quarter hours.

The specific requirements concerning Majors and Minors in each department follow.

BIOLOGY B. S. DEGREE

Major:	36 hours, must include one full year of freshman biology.
First Minor:	27 hours from any one of the following subjects: Chemistry, Mathematics, English, Psychology, Foreign Language, Religion, Music, History, Home Economics.
Second Minor:	18 hours from any one of the above subjects other than that of the major or first minor.

CHEMISTRY B. S. DEGREE

Major, 3 years:	Inorganic, Organic, and Analytical and Elementary Physical.
Special Requirement:	12 hours of Physics.
First Minor:	27 hours from Physics, Biology, or Mathematics.
Second Minor:	18 hours from any one of the following subjects: Mathematics, English, Foreign Language, History, Home Economics, Psychology, Education and Physics.

COMMERCE A. B. DEGREE

Major:	36 hours (from any one or a combination of the following: Business Administration, Economics or Geography).

Special Requirement: 3 hours of Business Mathematics must be included in the 9 hours of required Mathematics.

First Minor: 27 hours from any one of the following subjects: Chemistry, Biology, Mathematics, English, Religion, Music, Home Economics, History, Foreign Language, Education and Psychology.

Second Minor: 18 hours from any one of the above subjects other than that of the major or the first minor.

ENGLISH A. B. DEGREE

Major: 36 hours (must include 9 hrs. freshman composition and 3 hrs. advanced), 6 hrs. survey.

First Minor: 27 hours from any one of the following subjects:
Chemistry, Biology, Commerce, Mathematics, Foreign Language, Religion, Music, History, Home Economics, Psychology.

Second Minor: 18 hours from any one of the above subjects other than that of the first minor.

FRENCH OR SPANISH A. B. DEGREE

Major: 36 hours.

First Minor: 27 hours from any one of the following subjects:
Biology, Chemistry, Mathematics, Commerce, English, Religion, History, Music, Psychology, Spanish or French.

Second Minor: 18 quarter hours from any one of the above subjects other than that of the first minor.

HISTORY A. B. DEGREE

Major: 36 hours (including Survey of European and American History) (101, 102, 103, 211, 212, 213).

First Minor: 27 hours from any one of the following subjects:
Biology, Chemistry, Commerce, English, Mathematics, Foreign Language, Reli-

gion, Music, Home Economics, Psychology.

Second Minor: 18 hours from any one of the above subjects other than that of the first minor or major.

HOME ECONOMICS B. S. DEGREE

Major: 36 hours including the following subjects: 12 hours Foods and Nutrition, including Home Economics 315; 12 hours Textiles and Clothing, including Home Economics 117, 118, 119, 336; 12 hours Household Management, including Home Economics 221, 323, 415, and 419.

Special Requirements: 9 hours Related Arts; 12 hours Chemistry; 18 hours Biology, including Biology 101, 104, 206, 210, 211; 6 hours Economics, including Economics 201, 202, or 203.

First Minor: 27 hours from any one of the following subjects: Chemistry, Biology, English, History, Education, Mathematics.

Second Minor: 18 hours from any one of the above subjects other than that of the major or first minor.

MATHEMATICS B. S. DEGREE

Major: 36 hours (not to include Mathematics 100, 212, 200, 201a, 201b, 201c, or 311a, 311b, 311c).

First Minor: 27 hours from any one of the following subjects:
Biology, Chemistry, Commerce, English, Religion, History, Foreign Language, Music, Psychology.

Second Minor: 18 hours from any one of the above subjects other than that of the first minor or major.

MUSIC A. B. DEGREE

Major: 36 hours (this must include at least 24 hours of Harmony, Counterpoint Sight-reading, Dictation, Music History-Appreciation, or Form-analysis).

First Minor: 27 hours from any one of the following subjects:
Chemistry, Mathematics, Commerce, English, Foreign Language, Religion, History, Biology, Psychology.

Second Minor: 18 hours from any one of the above subjects other than that of the first minor or major.

PHYSICAL EDUCATION B. S. DEGREE

Major: 36 hours (including 9 hours of health required).

First Minor: 27 hours Biological sciences, including 100, 101, 102, 207, 210, 211, 434.

Second Minor: 18 hours from any one of the following subjects:
Chemistry, Mathematics, English, Psychology, Foreign Language, Religion, Music, Home Economics, History.

PSYCHOLOGY A. B. DEGREE

Major: 36 hours—(may include Education 415 or 315 and six elective hours in Education).

First Minor: 27 hours from any one of the following subjects:
Chemistry, Mathematics, Commerce, English, Foreign Language, Religion, Music, History, Home Economics, Biology.

Second Minor: 18 hours from any one of the above subjects other than that of the first minor or major.

RELIGION A. B. DEGREE

Major: 36 hours.

First Minor: 27 hours from any one of the following subjects:
Biology, Chemistry, Commerce, English, Mathematics, Foreign Language, History, Music, Psychology.

Second Minor: 18 hours from any one of the above subjects other than that of the first minor or major.

DEPARTMENTS OF INSTRUCTION

Department of Biology

The courses in biology are offered for the purpose of general culture as well as to lay proper foundations for those desiring to specialize in scientific work, in medicine, agriculture, or engineering. Not all courses listed are offered in any one year. Certain advanced courses alternate to meet student demands.

100. General Biology. An elementary, basic course covering the main biological facts of structure and activities of plants and animals. Representative types are studied in laboratory, classroom and field. Four hours' credit.

101. Invertebrate Zoology. A survey of representative invertebrates, their adaptation to various habitats and their structure and functions. (3 hours, lec., 4 hours, lab.) Prerequisite: Biology 100 (except for pre-professional students). Four hours' credit.

102. General Zoology. A continuation of Biology 101 including the dissection of the frog. (3 hours, lec., 4 hours, lab.) Prerequisite: Biology 101. Four hours' credit.

104. General Botany. A survey of the plant kingdom from algae to spermatophytes with emphasis on structures, function, life histories and some classification. (3 hours lec., 4 hours lab.) Prerequisite: Biology 100. Four hours' credit.

105. General Botany. A continuation of Biology 104 emphasizing the spermatophytes and the development of root, stem, leaf, flower, fruit, and seed. (3 hours lec., 4 hours, lab.) Prerequisite: Biology 104. Four hours' credit.

203. Vertebrate Zoology (Formerly 103.) A course designed to familiarize the student with vertebrate structure. Dissection of Dogfish and cat. Prerequisite: Biology 101, 102. Four hours' credit.

206. Elementary Bacteriology. A course dealing with identification, structure and life processes of certain bacteria molds and yeasts in relation to fermentation, decay, and disease. Prerequisite: Eight hours of Biology.

(3 hours lec., 2 hours lab.) Four hours' credit.

207. Genetics. A study of the principles and laws governing inheritance. Prerequisite: One year of biology. (3 hours, lec., 2 hours, lab.) Four hours' credit.

210. Human Physiology. A study of the physiology of the human body with enough attention to anatomy necessary to the understanding of functions. (2 hours, lec., lab., 2 hours.) Prerequisite: Biology 100. Three hours' credit.

211. Human Physiology. A continuation of Biology 210. (2 hours, lec., lab., 2 hours.) Prerequisite: Biology 100, 210. Three hours' credit.

300. Teaching Biology. A course intended for those who plan to teach Biology in secondary schools. Topics included are: Trends in teaching Biology, methods of selecting and organizing materials, teaching procedures and techniques. Prerequisite: 12 hours in Biology. Three hours' credit.

312. Vertebrate Embryology. A study of the general principles of the embryology of vertebrates, including germ cells, maturation, fertalization, cleavage, germ layers and the formation of organs. Embryos of the chick and pig are used. Prerequisite: Biology 100, 101, 103. (2 hours, lec., lab., 4 hours.) Four hours' credit.

344. Ecology. This is largely a field course designed to acquaint the student with plants and animals in their natural habitats. Prerequisite: One year of biology. (2 hours, lec., 4 hours, lab.) Four hours' credit.

415. Histology. The microscoptic anatomy of vertebrate tissues with some microtechnique. Prerequisite: Biology 100, 102, 203. (2 hours, lec., lab., 4 hours.) Not offered every year. Four hours' credit.

420. Comparative Anatomy. A comparative study of vertebrate structure, including amphibians, birds, and mammals. (2 hours, lec., lab., 4 hours.) Prerequisite: One year of Biology. Four hours' credit.

421. Special Problems. Designed to meet needs of majors in the department. Collection and preparation of herbaria and skeletons, etc. Prerequisite: Biology 203 or 422. Two hours' credit.

422. Taxonomy of Flowering Plants. Laboratory and field work. Life histories, collection and identification of native flora. Prerequisite: Biology 100, 104, 105. (3 hours, lec., lab., 4 hours.) Four hours' credit.

444. Laboratory Techniques. This course is designed to acquaint the student with and give him practice in the commonest procedures that he may be expected to know in his future work. Prerequisite: One year of biology. (2 hours, lec., 4 hours, lab.) Four hours' credit.

445. Kinesiology. A study of the muscles and the position sense in the larger muscles. (2 hours, lec., lab., 4 hours.) Prerequisite: Biology 100, 210, 211. Four hours' credit.

Department of Chemistry

The age in which we live is called *The Scientific Age,* and all indications point to its becoming even more so. There is a growing demand for young people who have been scientifically trained. The courses in this department are planned to meet the needs of those who wish to prepare for medicine, agriculture, engineering, or any other type of scientific study. They also offer a great cultural value to the students specializing in other fields.

100 (a) and (b). General Survey Courses in Physical Sciences. Required as prerequisite to 101 or 104 of all students who have not had physics or chemistry in high school. Covers main principles of the physical world. Not to be offered in lieu of Chemistry 101 and 104. Three hours' credit each for (a) and (b) for each quarter.

101. Pandemic or General Chemistry. For students who have not had any high school chemistry or plan to take only one year in college. Lectures and recitations, three days a week at times to be arranged. This course includes the nomenclature, the broader quantitative relations of the chemical elements and a particular study of the non-metallic elements. Four hours' credit.

102. Lectures, recitations, and laboratory as in Chemistry 101, which is a prerequisite. Special emphasis will be laid upon the laws of dissociation and ionization. The study of the non-metallic elements will be completed. Four hours' credit.

103. Lecture, recitation, and laboratory as in Chemistry 101 and 102, of which this is a continuation, and forms with them a complete course in general chemistry. The metallic elements will be particularly treated from the standpoint of elementary qualitative analysis. Four hours' credit.

104. General Inorganic Chemistry. For B. S. majors, or pre-medical, or pre-engineering students. Open only to students who have completed a thorough laboratory course in high school. Lectures, recitations, and laboratory as in Chemistry 101, but more rapid progress will be attempted. Prerequisite: One unit of high school chemistry or physics. Five hours' credit.

105. Continuation of Chemistry 104. Five hours' credit.

106. A continuation of Chemistry 105. A study and treatment of the metallic elements from the standpoint of elementary qualitative analysis. Five hours' credit.

Organic Chemistry

241 (307). Lecture, three hours per week. Laboratory, four hours. For sophomores or juniors. Prerequisite: General Inorganic Chemistry, Qualitative Analysis, and preferably Quantitative Analysis. This course consists of a study of the aliphatic series of the carbon compounds and their syntheses in the laboratory. Should be taken by all students intending to study medicine or argriculture. Prerequisite: One year of freshman chemistry. Four hours' credit.

242 (308). Continuation of Chemistry 241. Study of Aromatic Hydrocarbons and derivatives. Prerequisite: Chemistry 241. Four hours' credit.

243 (309). A course following Chemistry 241 and 242, which are prerequisites. This course is designed to meet the needs primarily of pre-medical and home economics students. Prerequisite: Chemistry 242. Four hours' credit, according to amount of laboratory work done.

Household Chemistry

244 (210) This is a course designed especially to meet the needs of students in domestic science, and for those special students who are unable to take the general course in Chemistry. Prerequisite: One unit of entrance science. Four hours' credit.

Analytical and Elementary Physical Chemistry

351. Chemical Principles and Analytical Methods (204). A course designed especially for pre-medical students but also helpful to all students majoring in chemistry. The fundamental methods and theories of quantitative analytical chemistry and physical chemistry are studied. The course is largely experimental with laboratory practice given in gravimetric analysis, and proving the laws of elementary physical chemistry. Considerable emphasis is placed upon chemical calculation. Prerequisite: Freshman Chemistry and Freshman Mathematics.

Two lectures and six to ten hours laboratory periods per week. Prerequisites Chem. 104, 5, 6. Three to five hours' credit.

352 (205). A continuation of Chemistry 351. The analytical work will be volumetric analysis and experiments dealing with molar concentration, osmotic pressure, colloids, catalysis, theory of indicators, and hydrogen ion concentration. Prerequisites are same as in Chemistry 351. Three to five hours' credit.

353 (206). A continuation of Chemistry 351 and 352. Volumetric analysis will be completed and the physico chemical principles relating to equilibrium and electrochemistry will be given. Considerable laboratory work will be given in latter. Prerequisites the same as Chemistry 351 and 352. Three to five hours' credit.

354. Physiological or Biochemistry. For pre-medical and home economics students. Prerequisites 241, 242, 243. Lecture three times per week. Laboratory four hours. Five hours' credit.

Advanced Quantitative Analysis

334. History of Chemistry (217). *Lectures* only; three times a week. Prerequisite: One year of freshman chemistry. Three hours' credit.

413, 414, or 415. Lectures, conferences and laboratory work at hours to be arranged. Prerequisite: Chemistry 351, 352, 353. Open only to seniors. This course will include special methods of quantitative analysis, proxi-

mate food analysis, fire assay, water and gas analysis, or electrolytic methods may be taken, according to the needs of the class. This course will be largely laboratory work with collateral reading. Three to five hours' credit.

454. Advanced Qualitative (319). Prerequisite: Two years of chemistry. Five hours' credit.

Department of Commerce

This department was established in response to the growing demand for training along vocational lines. The courses are designed to prepare the student for entering business, or continuing advanced study.

Modern business demands much of the individual—a cultural as well as a practical education. Those majoring in this department will find that a college education can provide both.

Business Administration

101-2-3. Commercial Law. This course is planned to give the student a usable knowledge of the fundamental principles of law applicable to business. A detailed study is made of the nature of business transactions; negotiable instruments; agency; bailments; guaranty and suretyship; insurance, mortgages; landlord and tenant; wills, estates, and trusts. Emphasis will be placed on the law as related to partnerships and corporations. Three hours' credit on each course.

200. Introduction of Commerce. After a preliminary discussion of business in relation to society, an elementary survey will be made in the field of business. Finally, the choosing of a vocation and the preparation for life's work will be discussed. Three hours' credit.

201. Mathematics of Business. The principles of mathematics as related to business. This will include a study of interest and discount, annuities, depreciation, obsolescences, ratio and proportion, logarithms, amortization, sinking funds, bonds, insurance and mortality, business indices, etc. Three hours' credit.

204. Public Finance. A study of the rise in public expenditures, the causes for the rise, the need for

economy, and the underlying principles of public finance. Three hours' credit.

205. Corporation Finance. A study is made of the financial structure and the problems of big business. Three hours' credit.

241-2-3. Principles of Accounting. (Equivalent of accounting formerly numbered 201-2-3.) An elementary course including professional accounting, sole proprietorships, partnerships, and a brief treatment of corporations. Four hours' credit for each course.

331. Advanced Accounting. Intensive study of the advanced theory of accounts and its applications. Selected problems and reading on the various phases of accounting procedure. Prerequisite: 241-2-3 or the equivalent. Three hours' credit.

332. Auditing. The theory of auditing, the valuation of assets, analysis of accounting procedure, the presentation of statements. Special problems will be presented. Prerequisite: 331. Three hours' credit.

333. Cost Accounting. A study of cost accounting in the general field of accounting, special records and cost, statistics and application to business. Prerequisite: 331. Three hours' credit.

301. Industrial Organization and Combination. A study of the forms of business organization; the combination movement and its causes; the investment trust; and recent aspects of the public control of business. Three hours' credit.

302. Industrial Management. A study of the basic fundamentals underlying the solution of the problems of management and operation in all types of business enterprise and their application to the specific fields of industrial management—production, distribution, personnel, etc. Three hours' credit.

303. Office Management. Planning and scheduling of work; employment procedures; supervision of employees, restraining, promotion, and equipment. Open only to majors in commerce. Three hours' credit.

401. Retail Merchandising. A study of the organization and management of retail establishments; store location; store organization; buying; receiving; keeping

stock; inventories; emphasis upon practical phases of catering business. Local research encouraged. Three hours' credit.

402. Salesmanship. A study of the laws of salesmanship and psychological application. The student is given a selling problem and is required to present its solution before the class as a test of his understanding of the principles governing the several selling steps. Three hours' credit.

403. Advertising. This is an introductory course in the functions, theory, principles, and applications of advertising. Three hours' credit.

Economics

201-2-3. Principles of Economics. A study of the nature of economic science; a brief history of economic institutions, economic theory, and economic thought; the industrial revolution; fundamental economic concepts; money; rent; population and the supply of labor; wages; interest; the forms of industrial enterprise; monopoly; public finances. Three hours' credit on each course.

308. Labor Problems. A general survey of the position of the wage earner in modern industry, emphasizing the social significance of wages, hours, working conditions, unemployment, labor unions, and recent labor legislation. Three hours' credit.

401. Money and Banking. The origin and evolution of money, monetary problems, the fundamentals of banking organizations, proposals for price stabilization, currency conditions in the leading countries, and the general principles of money, banking, and credit will be emphasized. Prerequisite: Economics 201-2-3. Three hours' credit.

402. Principles of Marketing. A survey of the marketing structure of industrial society, the fundamental functions performed in the marketing process; sales promotion and the problems of the manufacturer, wholesaler, and retailer. Three hours' credit.

403. Economic Statistics. The collection, presentation, analysis, and interpretation of economic data, including tabulation, graphic representation, indication of relationship, variation and its measurement, correlation, meas-

ures of unreliability, time series, and index numbers. Open only to juniors and seniors. Three hours' credit.

404. Conservation of Natural Resources. The importance of our natural resources, the need of conservation and of regional and national planning will be emphasized. Three hours' credit.

Geography

100. Elements of Geography. An introduction to college geography. This is a basic course for students of engineering and teachers. The physical aspects will be emphasized in this course. Three hours' credit.

105. Economic Geography. A study of the economic and geographic factors involved in the production, transportation, consumption of the leading commercial products of the world. Three hours' credit.

210-11. Geography of North America. An interpretative study of the natural regions of North America. Special studies will be made of land forms, soils, geologic structures, and climate of each region in relation to their influence on the economic life of man. Three hours' credit on each course.

301. Physiography. A study of the structural features of the earth's crust, the processes at work on the land surface, and the topographic forms produced by them. Three hours' credit.

302. Climatology. An interpretation of climate and climatic factors. Three hours' credit.

303. Geography of Tennessee. A study of the geographic influences in the history and development of the state. The geologic, physical, climatic, economic, and other vital factors affecting agriculture, industry, and the general economic development will be discussed. Three hours' credit.

304. Economic Geography of Asia. An economic interpretation of the problems of the continent. A special study will be made of China, Japan, India, and Mediterranean Asia. Three hours' credit.

305. Economic Geography of Europe. A study of the economic problems of the continent, including the countries of France, Germany, Italy, and the Netherlands. Three hours' credit.

306. Economic Geography of South America. An economic interpretation of the problems of South America. A special study will be made of Argentina, Brazil, and Chile. Three hours' credit.

400. Political Geography. A course interpreting the elements making for stability and permanency in the great nations. Prerequisite: Geog. 210, 11; 304; 305; or 306. Three hours' credit.

401. Geography of the South. A study of the historical and economic geography of this region emphasizing the basis of Southern industry, agriculture, and commerce. The future of the South, its problems, and its advantages will be discussed. Three hours' credit.

Secretarial Science

131. Typewriting. (Equivalent of Sec. Sci. formerly numbered 150-1.) Speed and accuracy in the operation of the typewriter by touch system; syllabication of words; introduction to business letters. Three hours' credit.

132. Typewriting. (Equivalent of Sec. Sci. formerly numbered 152-250.) Business letters with carbon copies; tabulating; problems in typing manuscripts; improvements in speed and accuracy. Prerequisite: Typewriting 131 or equivalent. Three hours' credit.

133. Typewriting. (Equivalent of Sec. Sci. formerly numbered 251-2.) Stencils; office forms; legal documents; application letters; statistical tables. Prerequisite: Typewriting 132 or equivalent. Three hours' credit.

231. Shorthand. (Equivalent of Sec. Sci. formerly numbered 260-1.) Emphasis on reading and writing of Gregg shorthand; mastery of brief forms. Three hours' credit.

232. Shorthand. (Equivalent of Sec. Sci. formerly numbered 262-360.) Review of brief forms; simple phrases; dictation and transcription of short business letters and extensive reading of more difficult shorthand. Prerequisite: Typewriting 133. Three hours' credit.

233. Shorthand. (Equivalent of Sec. Sci. formerly numbered 361-2.) Reading assignments; emphasis placed on phrasing, dictation and transcription. Secretarial duties and traits are given some consideration.

Prerequisite: Typewriting 133. Three hours' credit.

221. Personality Development. This course aims, by constant practice of the acceptable conduct, to encourage the development of desirable traits and a pleasing personality as demanded by business. Two hours' credit.

222. Filing and Indexing. The essentials of indexing and filing are presented in a clear, progressive, comprehensive manner. Present-day systems are fully discussed. Individual miniature practice equipment is used, making the course vivid and interesting. Two hours' credit.

223. Office Appliances. The use of dictating, duplicating, and similar appliances. Sufficient practice will be given to develop skill in the operation of such machines. Prerequisite: Typewriting 131 or equivalent. Two hours' credit.

324. Business Communication. The primary aim of this course is to teach power in the use of the language for business purposes. Letters of application, claims and adjustments, routine letters, collection letters, recommendations, sales letters, follow-up letters—all these are thoroughly covered. Should be taken by all commerce majors. Two hours' credit.

421. Advanced Secretarial Techniques. This course develops superior skill in dictation and transcription as required by business and characteristic of the efficient secretary. It aims to develop secretaries capable of a-suming responsibilities, exercising good business judgment, and carrying duties to their satisfactory conclusion. Prerequisites: Sec. Sci. 133, 221, 222, 223, 233. Three hours' credit.

422. Secretarial Office Practice. This course is designed to provide laboratory and office experience for seniors who will do secretarial work or teach commerce. A minimum of 48 hours of office experience in local offices is required. Two hours' credit.

470. Teaching Commercial Subjects. An analysis of the subject matter, methods, and techniques employed in teaching the various commercial subjects in high schools. Education credit allowed on certificate for students certifying in commercial subjects. Prerequisites: Sec. Sci. 133, 233, Bus. Ad. 242. Three hours' credit.

Department of Education and Psychology

The State Department of Education in Tennessee recognizes work done at Union University on a par with the State Teachers' Colleges and the State University as a basis for the certification of teachers. The rules and regulations are uniform for each institution.

The courses in education and psychology are planned and organized to meet the following requirements: (1) Major in psychology; (2) a curriculum for elementary teachers; (3) a curriculum for high school teachers; (4) courses to meet Tennessee certificate requirements and renewals.

Students who plan to teach should enroll in the two or four year curriculum courses for teachers. These curricula are designed to provide a general cultural background together with the necessary professional and technical training for teaching in a specific field.

Teachers desiring to renew certificates should consult the registrar in regard to courses to be taken.

Education

106. Art in the Elementary School. Objectives, appreciations, skills, and knowledges covering art education in the elementary school will be studied. Opportunity for students to experiment with art materials will be provided. Three hours' credit.

123. Freshman Orientation. A guidance course for freshmen. The topics studied include: getting acquainted with the college environment, study habits, and use of library. Required of all freshmen. One hour credit.

202c Teaching Reading (102c). It is the purpose of this course to give the student a comprehensive knowledge of the materials and methods that are employed in teaching reading. Problems in connection with the actual teaching of reading will be studied in detail. Recent experimental investigations will be examined and much time will be devoted to the period of preparation for reading and to the period of beginning reading. Three hours' credit.

203. Teaching in the Elementary School (103). A methods course dealing with the objectives, materials, and instructional procedures in reading, language, spell-

ing, and writing. This is one of the basic courses for elementary teachers taking the Two-Year Curriculum. Three hours' credit.

204. TEACHING THE SOCIAL STUDIES, ARITHMETIC, AND SCIENCE IN ELEMENTARY SCHOOLS. A methods course dealing with the objectives, materials, and instructional procedures for the above named subjects. An attempt is made to correlate the materials of social studies and science in this course with the work in the college departments in these fields. Emphasis is placed on activities and units of work. This is a basic course for elementary teachers taking the Two-Year Elementary Curriculum. Three hours' credit.

209. PUBLIC EDUCATION IN THE UNITED STATES. Current problems in organization, administration, and instruction are studied in the light of their historical development. Social, political, and economic forces underlying the principal movements in American education receive consideration. Topics studied include: early American education, the establishment of a state system of schools, psychologizing instruction, and present day movements and reorganization. Three hours' credit.

214. TEACHING OF ARITHMETIC. A course in subject matter and methods used in the elementary grades. Three hours' credit.

218 a, b, c. EDUCATION WORKSHOP. A course intended primarily for teachers in service. Students enrolled in the workshop work as individuals or in groups on problems of their own selection. The work is directed and coordinated by the instructor. Three hours' credit for each course.

315. TESTS AND MEASUREMENTS IN ELEMENTARY SCHOOL. The course deals with the philosophy of testing, the construction of tests, the actual administration and interpretation of tests. There will be opportunity for examination of sample tests. Prerequisite: Psychology 201. Three hours' credit.

318. PRINCIPLES OF SECONDARY EDUCATION. A study is made of the secondary school as an institution in a democratic society and of the reorganizations that are taking place in this field. Topics included are: the historical background, functions, curriculum aims and objectives,

and methods of appraisal. Prerequisite: Junior Standing. Three hours' credit.

320. (220) High School Administration. An introductory course in school administration designed to be of help to teachers, as well as principals and superintendents of schools. Problems in connection with the administration of high schools are studied in detail. The materials of the course will include the high school manual of the State Department of Education. Three hours' credit.

402. Teaching in Secondary School. The aim of this course is to study approved methods of instruction in the secondary school. Teaching techniques appropriate to the different types of high school subjects are considered. A fundamental part of the course is a study of units of work and of the integrated program in secondary schools. Prerequisites: Psychology 201, 210. Three hours' credit.

403a, 403b. Observation and Teaching in the Elementary School. Students taking this course are required to do five hours of observation and directed teaching each week throughout the quarter or ten hours per week for six weeks. An additional hour must be reserved for a weekly conference. Application for taking the course must be made at least one quarter in advance. Prerequisites: Psychology 201, 212, Education 203, 204. Three hours per course.

404a, 404b. Observation and Directed Teaching in the Secondary School. Students taking this course are required to do five hours of observation and directed teaching each week, and an additional hour must be reserved for a weekly conference. Application must be made at least one quarter in advance of taking the course. Prerequisite: Ed. 402 or parallel. Three hours per course.

410. Educational Clinic. A study of individual problems including diagnosis and remedial work. For teachers. Prerequisites: Psychology 201, 212, Education 202c. Three hours' credit.

415. Tests and Measurements in High School. This course deals with the principles underlying the construction of standardized and informal objective tests; test

administration, summarizing and interpreting the results of testing, and diagnosis and remedial procedures. Practice is given in construction, giving and scoring the new type tests in the various high school subjects. Prerequisites: Psychology 201 and Junior standing. Three hours' credit.

416. PHILOSOPHY OF EDUCATION. A study is made of the various conceptions of education. Issues in educational thought are traced in their relations with more basic problems. Principles underlying modern educational thinking are studied in detail. Prerequisite: 18 hours of education. Three hours' credit.

Psychology

201. (101) GENERAL PSYCHOLOGY. A foundation course in the science of behavior. The study will include: origin and development of behavior patterns, motivation, emotional behavior, sensory functions, perception, intelligent behavior, and adjustment. Simple experiments will constitute a basic part of the work. Three or four hours' credit.

206. PSYCHOLOGY OF ADJUSTMENT. Personal, educational, vocational, and social adjustments are emphasized. A consideration of life philosophy is included. The practical application of psychological findings in the adjustment area is stressed. Required of all sophomores unless excused by the Dean. Three hours' credit.

210. EDUCATIONAL PSYCHOLOGY. An intensive study is made of intelligence, the learning process, perception, and growth. Prerequisite: Psychology 201. Three hours' credit.

212. CHILD PSYCHOLOGY. An analysis of infant behavior; the motor and emotional development of children; motivation, thinking, work, and play in child life; the synthesis and integration of personality. Prerequisite: Psychology 201. Three hours' credit.

300. HISTORY OF PSYCHOLOGY. A survey of the development of psychology from its early beginning to the present time. Contributions of outstanding men are emphasized. The various schools of psychology are stressed. Prerequisite: Psychology 201. Three hours' credit.

319. Adolescent Psychology. The meaning and significance of adolescence; physical, mental, moral, and religious development; adolescent impulses, interests, social tendencies, and personality; the hygiene of adolescence; the guidance and control of adolescent behavior. Prerequisite: Psychology 201. Three hours' credit.

321. Buisness Psychology. A study of the applications of psychology to business and business problems. Both methods and techniques are stressed. Among the topics included are: personnel relations, advertising, and salesmanship. Prerequisite: Psychology 201. Three hours' credit.

322. Abnormal Psychology. Emphasis is placed on the understanding of abnormal behavior together with the underlying mental hygiene of abnormal manifestations. Topics studied will include: causes and types of abnormal phenomena, mental hygiene, and therapeutic methods. Prerequisite: Psychology 201. Three hours' credit.

400. Mental Measurements. In this course the student will study the nature, administration, and interpretation of intelligence tests. Attention will be given to both individual and group tests. Prerequisites: Psychology 201, 210, 212. Three hours' credit.

NOTE: Courses in methods of teaching in high school are listed with the respective departments. They may be elected to apply towards the twenty-seven hours required for a professional certificate, provided they are limited to the fields in which the student will become certificated, but may not be counted on majors in these respective departments.

Department of English

The instruction given in English has three objects in view: First, a command of correct and clear English, spoken and written; second, the power of accurate and intelligent reading and the development of the habit of reading good literature with appreciation and enjoyment; third, a knowledge of certain authors whose works illustrate the development, not only of the English language, but also of literature. *Students notably deficient in spelling, reading, and English Grammar will be required to make this up before entering the Senior year.*

NOTE: We do not offer during any one year all of the courses listed in this department.

NOTE: Eighteen hours of English are required of all students. In these eighteen hours must be included courses 100, 101, 102, 318 and six hours in survey courses.

100. FRESHMAN COMPOSITION. This course is conducted by means of lectures, quizzes, themes, and reports, in addition to the text books for daily assignments. Special emphasis will be given to the verb formations, sentence structure, rules of syntax, and the growth and development of the English language. Three hours' credit.

101. FRESHMAN COMPOSITION. A continuation of English 100. Daily short themes, or longer weekly themes will be assigned. The various types of compositions will be discussed and theme-practice in each of the different types given. Three hours' credit.

102. FRESHMAN COMPOSITION. There will be a discussion of the elements of literary excellence; much writing, which is critically considered in the class room; and the critical analysis of typical specimens of established literature. Three hours' credit.

201. CHILDREN'S LITERATURE. Choice selections from all types of child literature by notable authors are studied in this course. Volumes of literature for children's libraries are examined. A handbook and anthology of children's literature are used as text books, supplemented by library reading. Three hours' credit.

202 (204 and 205). A SURVEY OF AMERICAN POETRY. The poems, characteristics, and biographies of the chief American poets are studied, with the movements and tendencies in American life and literature as historical background. Three hours' credit.

203. A SURVEY OF AMERICAN PROSE WRITERS. This course deals with the life and literary productions of the chief American prose writers. The different aspects of American life reflected through the prose are studied. Three hours' credit.

206. ENGLISH POETRY. A survey of British lyrics. A study of the life and literature of the English people from Chaucer to Kipling. The best in English lyrics and

reading in other poetic literature and in biography. Three hours' credit.

334 (216). The Teaching of High School Literature. A study of high school classics and methods of presenting them. Each student is required to work out a four-year course of study and show the points he would stress in each piece of literature. Prerequisite: Six hours from Eng. 202, 203, 206. Three hours' credit.

335 (217). The Teaching of High School Composition. Methods of teaching composition, on grading themes, and on vocabulary building. Three hours' credit.

336 (218). English Grammar and How to Teach It. The principles of grammar and methods most effective in teaching the subject. The place and importance of grammar in the high school course of study. Three hours' credit.

305. The Romantic Poets. The poems of Wordsworth, Coleridge, Byron, Scott, Shelley, and Keats are studied. The course is supplemented by collateral readings, and by a study of the development, and of the main characteristics of the Romantic movement. Three hours' credit.

306. The Victorian Poets. In this course the poems of the chief English poets of the Victorian period are read. Most of the time is given to the study of the poems of Tennyson, Browning, Arnold, and Clough. Three hours' credit.

310. A Survey of the English and American Essay. The development of the essay; interpretation of essays of each type and period. Three hours' credit.

315. The Short Story. Development in the art of short-story writing. The best classic and contemporary short stories are read and criticised. Practice in the writing of short stories is required. Three hours' credit.

318. Advanced Composition. This is a practical course in expository writing. Gathering material, outlining and systematic organization are required. The chief purpose is to give the fundamentals of thesis writing. Open to juniors and seniors. Three hours' credit.

434 (307) Shakespeare. The comedies, ten plays, are studied. Three hours' credit.

435 (308). SHAKESPEARE. The Tragedies, eight plays, are studied. Three hours' credit.

436 (309). MODERN POETRY. The Poetry of the twentieth century writers of English and American verse. A study is made of the matter, themes, and present-day tendencies. Three hours' credit.

413. THE MODERN DRAMA. The reading and analysis of representative modern dramas—English, Continental, and American. Three hours' credit.

414. NEWSPAPER WRITING AND EDITING. Emphasis is placed on the essentials and practice of news writing. In addition to the text books used, representative newspapers are used for study. Three hours' credit.

415. SPECIAL FEATURE ARTICLES. The technique, interpretation, and writing of special features. A text book, newspapers, and magazines are used. Three hours' credit.

Department of Home Economics

The courses in Home Economics have been planned to meet the needs of different classes of students: (a) those who desire to complete a two-year course before entering a vocational school, (b) to major in Professional Home Making, (c) and to certificate to teach in non-vocational schools, (d) to train for dietitians, demonstrators, or business, and (e) those who feel the need for some kuowledge of Home Making as a part of a general education.

We do not during any one year offer all of the courses listed in this department.

Foods and Nutrition

100. ELEMENTARY COOKERY. A study of the elementary principles of cookery, with an introduction to the planning and serving of meals in the home, consumer's problems as related to foods. No prerequisite. Three hours' credit.

101. ELEMENTARY NUTRITION. The elementary principles of nutrition and relation of food selections to health. The construction of an adequate diet. Three hours' credit.

215. FOOD PREPARATION AND SELECTION. The study of the fundamental principles of cookery, including source,

classification, and economic value. Prerequisites: Foods 100, Chemistry 103. Three hours' credit.

216. Meal Preparation and Table Service. Table service, meal planning, preparation and serving of breakfasts, luncheons, dinners, menus for special occasions. Study of table appointment. Prerequisite: Home Ec. 215. Three hours' credit.

315. Advanced Nutrition. Chemical and Physical processes of digestion. Fate of metabolism of foodstuffs. Fundamental principles of food nutrition. Planning dietaries. Prerequisite: Home Ec. 216, Biol. 210, Chem. 309. Three hours' credit.

408. Experimental Cookery. Experimental work with dough and batters, emulsion fats, gelatin, and sugar cookery, vegetables and egg cookery. Prerequisite: Home Ec. 216. Three hours' credit.

419. Institutional Management (219). Problems of organization, administration, and equipment of various types of food units. Actual experience in planning, selecting, preparing, and serving of large quantity of food. Prerequisite: Home Economics 216. Three hours' credit.

Household Management

221. Home Nursing. Home care of the sick, first aid with opportunity for laboratory practice in first aid, bathing and shampooing, bed making, etc., making first aid kits. No prerequisite. Three hours' credit.

323. Child Care and Guidance (223). The growth and development of the young child. Principles and techniques for child guidance. Principles underlying the selection, care, and use of play material and equipment for young children. Food and its relation to growing children. Three hours' credit.

415. Home Management. Economics of the household from the standpoint of money, time, energy. Individual development. No prerequisite. Three hours' credit.

416. Home Management House. Students majoring in Home Economics live for one quarter during their senior year in the Home Economics House, where they gain actual experience in group relationship and managerial

activities in home making. Prerequisite: Home Ec. 101, 216, 415. Three hours' credit.

419. Household Equipment. Study of modern labor saving devices: factors determining cost and efficiency, selection and care. Use of gas and electricity. No prerequisite. Three hours' credit.

Textiles and Clothing

117. Clothing Selection and Construction. Fundamental construction process of simple garments; use and alteration of commercial patterns. Related problems and class projects in the selection of cotton and linen materials; a study of relation between cost of garments made and similar ready made one; clothing budget. Prerequisite: Home Ec. 115. Three hours' credit.

118. Clothing Construction. Continuation of 117. Fundamental principles applied to the selection and construction of silk and synthetic fabrics. Principles of fitting; use and care of sewing machine. Prerequisite: Home Ec. 117. Three hours' credit.

119. Clothing Construction. Continuation of 118. Three hours' credit.

222. Applied Design for Children's Clothing. Application of the principles of design and construction of clothing for children; adapting the clothing to the needs of children. Prerequisite: Home Ec. 118. Three hours' credit.

321. Advanced Clothing. Application of principles of costume design to individual garments; development of techniques in the construction of silk and wool garments. Prerequisite: Home Ec. 118. Three hours' credit.

336. Textiles (116). Analysis of fabrics and weaves to show relationship between quality and fiber, weave, finish, adulteration and cost of fabrics. Emphasis placed on consumer's problems in purchasing clothing and household furnishings. Prerequisite: Home Economics 115. Three hours' credit.

406. Tailoring. The construction of a tailored suit and dress. Fundamental principles of tailoring. Prerequisite: Home Ec. 321. Three hours' credit.

Related Art

115. Art and Design. Fundamental principles of design and their application; color theory and its application. No prerequisite. Three hours' credit.

205. Applied Design. Poster making, block printing, simple design to be originated for use on cloth, for pottery and textiles, block printing. Prerequisite: Home Ec. 115. Three hours' credit.

318. Costume Design. Line, mass, and color applied to costumes for individual types, suitability of costumes to occasions; influence of garment construction on clothing design. Prerequisite: Home Ec. 115. Three hours' credit.

319. House Architecture. Historic and modern architectural styles; problems involved in building a present-day house, including cost, location, and details of construction. Prerequisite: Home Ec. 115. Three hours' credit.

320. House Furnishings. Selection, care, cost and arrangement of household furnishings. Prerequisite: Home Ec. 115, 319. Three hours' credit.

410. Art Appreciation. (Formerly 120.) A survey of sculpture, architecture, and painting and prehistoric, to modern times. No prerequisite. Three hours' credit.

439. Methods of Teaching Home Economics. A study of home economics problems as related to high school teaching; the philosophies of home economics; methods of teaching; developing curricula to meet student needs. Prerequisite: Junior senior standing, Major or minor in Home Economics. Three hours' credit.

Department of Languages

Recognizing that language is the medium of expression, the courses of this department are planned for two groups of students. First, suitable work is organized for those who are primarily interested in a cultural education, and who realize that only through the language of another people can one fully understand and appreciate their thought and life. Second, plans are made to meet the practical needs of those other students who may desire to enter the pro-

fessions, to do graduate work, or come into business contact with our foreign speaking neighbors.

French

101. Elementary French. Fundamentals of grammar and pronunciation, conversation and composition, easy reading. Four hours' credit per quarter, regular session; three hours summer quarter.

102. Elementary French. A continuation of 101. Four hours' credit per quarter, regular session; three hours summer quarter.

103. Elementary French. A continuation of 102. (Same as above.)

204. Intermediate French. Grammar review, conversation and composition, reading of suitable texts. Prerequisite 101, 102, and 103, or two years of high school French. Three hours' credit.

205. Intermediate French. A continuation of 204. Three hours' credit.

206. Intermediate French. A continuation of 205. Three hours' credit.

The courses described below will be offered in alternate years.

307. Survey of French Literature. Lectures, readings, and reports on representative authors and works from the beginning of French literature through the seventeenth century. Three hours' credit.

308. Survey of French Literature. A continuation of 307. Representative authors and works through the eighteenth and early nineteenth centuries. Three hours' credit.

309. Survey of French Literature. A continuation of 308. A study of the influence of realism and naturalism in the literature of the nineteenth and twentieth centuries. Three hours' credit.

315. Conversation and Composition. Training and practice in written and oral expression. Three hours' credit.

334. French Civilization. Readings in French, lectures, and reports on French life and culture. Three hours' credit.

434. FRENCH CLASSICAL DRAMA (Formerly 310). A study of the most important dramatists of the Classical Age as Corneille, Racine, and Moliere. Three hours' credit.

435. MODERN FRENCH NOVEL. A study of the modern French Novel. Three hours' credit.

German

101. ELEMENTARY GERMAN. A study of pronunciation, basic vocabulary, common idioms, functional grammar, oral and written exercises, with special emphasis upon the development of the ability to read simple German. Four hours' credit.

102. ELEMENTARY GERMAN. A continuation of 101, covering the middle third of the elements of the language. Emphasis will be upon laboratory exercises and the reading of a number of short stories. Four hours' credit per quarter.

103. ELEMENTARY GERMAN. A continuation of 102. The emphasis will be upon the development of speed, accuracy, and enjoyment of reading the language. Four hours' credit per quarter, regular session.

204. INTERMEDIATE GERMAN. Especially designed for students who desire a reading knowledge of scientific or technical German. Includes a review of strong verbs and sentence arrangement; a study of the difficulties in scientific German, and an introduction to the reading of scientific German in the fields of chemistry, physics, and biology. Three hours' credit.

205. INTERMEDIATE GERMAN. A continuation of 204. Emphasis is placed upon the reading of texts dealing with the following subjects: chemistry, physics, and biology. Three hours' credit.

206. INTERMEDIATE GERMAN. A continuation of 205. Emphasis will be upon the development of speed, accuracy and enjoyment of reading articles of a scientific nature. Three hours' credit.

Greek

See Department of Religion.

Latin

Eighteen hours of college Latin must be studied in addition to courses 100-101-102, if the student is preparing to teach Latin.

NOTE: We do not offer during any one year all of the courses listed below.

100-101-102. BEGINNER'S LATIN. This course is planned for those students who have not had any Latin in High School. A thorough study will be made of the principles of grammar and syntax, and selections from Caesar will be read. Twelve hours' credit.

200. CICERO. Selections from Cicero's Orations with syntax and grammar. Three hours' credit.

201. VIRGIL. Selections from Virgil's Aeneid, with special consideration of principles of grammar. Three hours' credit.

202. CICERO'S PHILOSOPHICAL WORKS. De Senectute and De Amicitia, with careful consideration of the philosophy and grammar. Three hours' credit.

300. OVID'S METAMORPHOSES. Selection from Books I to XV, with outside reading. Three hours' credit.

301. LIVY. Selections. The Second Punic War. Historical readings and reference work. Three hours' credit.

302. HORACE'S ODES. Careful study and interpretations of certain select odes. Also reference work on Horace and his times. Three hours' credit.

Spanish

101. ELEMENTARY SPANISH. Fundamentals of grammar and pronunciation, conversation and composition, easy reading. Four hours' credit per quarter, regular session; three hours for summer session.

102. ELEMENTARY SPANISH. A continuation of 101. Four hours' credit per quarter, regular session; three hours for summer session.

103. ELEMENTARY SPANISH. A continuation of 102. Four hours' credit per quarter, regular session; three hours for summer session.

204. INTERMEDIATE SPANISH. Grammar review, conversation and composition, reading of suitable texts. Prerequisite: 101, 102, and 103, or two years in high school. Three hours' credit.

205. Intermediate Spanish. A continuation of 204. Three hours' credit.

206. Intermediate Spanish. A contination of 205. Three hours' credit.

The courses described below will be offered in alternate years.

307. Survey of Spanish Literature. Lectures, readings, and reports on authors and works dating from the beginning of Spanish Literature through the seventeenth century. Prerequisites: Spanish 101, 102, 103, 204, 205 and 206. Three hours' credit.

308. Survey of Spanish Literature. A continuation of 307. The literature of the eighteenth, nineteenth, and twentieth centuries. Three hours' credit.

309. Survey of Spanish-American Literature. A general survey of Spanish-American Literature. Three hours' credit.

315. Commercial Spanish. Practice in conversation and composition will be supplemented by study of the forms of correspondence and reading of material related to the commercial and cultural life of Spanish-speaking countries. Three hours' credit.

316. The Teaching of Romance Languages. A study of principles, practices, and methods of teaching Languages. Use and practice of direct method. Analysis of grammars. This course is designed for those preparing to enter the teaching profession. Three hours' credit.

434. The Spanish Drama of the Golden Age (Formerly 310). A study of the most important dramatists of the Golden Age as Lope de Vega, Alarcon, Tirso de Molina, and Calderon. Three hours' credit.

435. The Modern Spanish Novel. A study of novels by the best Spanish authors of the modern period. Three hours' credit.

436. The Spanish-American Novel. The development of the novel in Spanish-America, with lectures, readings, and reports. Three hours' credit.

Department of Mathematics and Physics

All students except girls majoring in Home Economics are required to take ten (10) hours Freshman Mathematics. Beginning with the fall enrollment, 1948, and thereafter the triple track courses in mathematics will be discontinued. All students who have not had their freshman mathematics or who enter with the 1948 class will be required to take Mathematics 101 and 102 (10 hours). Mathematics students who are majoring in mathematics and engineering students who enroll in 1948 will take Mathematics 103 in addition to 101 and 102. *No further enrollments in 104, 105, 106, 101e, 102e, 103e will be accepted.* Classes begun in 1947 will be permitted to complete their requirements in mathematics under the old plan provided it is completed in the 1948 session. Each of the new courses, 101, 102, and 103 will carry a credit of 5 hours (similar to the engineering courses listed heretofore), and consist of 5 hours algebra, 5 hours plane trigonometry and 5 hours plane analytics.

No student may take more than three courses in mathematics from the one-hundred group. However, students who desire to take Solid Geometry 100 may do so in addition to the three freshman courses 101, 102 and 103. Mathematics, majors and engineering students are required to take plane geometry (non-credit) unless it is offered as entrance credit from high school.

Mathematics

100 (Z1, Z2). Solid Geometry. Available to students who have not had this course in high school. Not to be counted toward satisfying required work in Mathematics, nor allowed as credit on 36 hours for a major in mathematics. Three hours' credit.

101. College Algebra. Fundamental concepts, principles and methods, linear and quadratic equations, inequalities, progession, logarithms, problem solving and applications, mathematical induction, complex numbers, theory of equations, permutations and combinations, probability and determinants. Five hours' credit.

102. Plane Trigonometry. The trigonometric functions, solution of plane triangles, proofs, and solution of trigonometric equations. Required of all freshmen except

home economic majors. Prerequisite: Mathematics 101. Five hours' credit.

103. Plane Analytical Geometry. For mathematics majors and engineering students, or for minors in mathematics, desiring content course. A complete course in plane analytics including curve fitting. Prerequisite: Mathematics 101 and 102. Five hours' credit.

200. College Arithmetic. A content course meeting requirements for teaching certification and furnishing general reviews of the arithmetic fundamentals. The number concept, history of numbers, drill in all phases of arithmetic fundamentals, longitude and time, percentage, stocks and bonds, significance and use of formulae, significant figures, logarithms and slide rule. Does not count on a mathematics major. Three hours' credit.

204. Plane Analytical Geometry. Rectangular and polar coordinates in a plane, equations and their loci; the conic sections; emphasis upon topics needed in preparation for the study of calculus and elementary curve fitting. Prerequisite: Mathematics 101, 102. Four hours' credit.

205. Calculus. Functions, limits, and the notion of derivatives, a thorough drill in differentiation, application of derivatives including the study of maximum and minimum values of functions, tangents, and normals to curves, algebraic equations. Prerequisite: Mathematics 101, 102, and plane analytics, either 103, 103e, or 204. Four hours' credit.

206. Calculus. A continuation of the above. Integral calculus, including applications to related subjects, extensive use of and development of tables. Prerequisite: Mathematics 205. Four hours' credit.

207. Calculus. A continuation of Mathematics 206. Prerequisite: Mathematics 206. Four hours' credit.

209. Spherical Trigonometry (Formerly 207. Application of trigonometric functions to spherical triangles, lunes and polygons, including general navigation problems such as parallel and mid-latitude sailing; solution of the right spherical triangle, the oblique spherical triangles, lunes and polygons. Prerequisite: Mathematics 102. Three hours' credit.

210a. Elementary Surveying. This course in field work embraces problems belonging to land surveying and the foundation principles of road construction and road beds for railways, including such topics and leveling, profiling, mapping, practice in use of transit, plane tables and other instruments of surveying and engineering. Prerequisite: Mathematics 102. Three hours' credit.

210b. Surveying. A continuation of the above course with further practice in leveling, grading and the use of surveying instruments. Prerequisite: Mathematics 210a. Three hours' credit.

212. Slide Rule Problem Solving. The use and application of the slide rule to engineering and related subjects, including principle of proportion, powers and roots, logarithms, trigonometric functions. Prerequisite: Mathematics 101, 102. Three hours' credit.

217. Manipulative Mathematics. This course is designed for students who need further practice in topics of algebra, solution of cubic and quartic equations, complex numbers, introduction to methods of calculus. Prerequisite: 101, 102. Three hours' credit.

234. Descriptive Geometry (Formerly 211). An elementary study of the point, line and plane, with theoretical and practical problems. Required of all engineering students. Prerequisite: Mathematics 101. Three hours' credit.

308. Solid Analytical Geometry. Rectangular and polar co-ordinates in space, vectors, surfaces of revolution, degenerate and non-degenerate quadratics, symmetry, traces, and skew curves. Prerequisites: Mathematics 204 or 103. Three hours' credit.

309.a. Theory of Equations. Complex numbers, the solution of equations, quadratics, cubic quartic and special types. Prerequisite: Mathematics 101, 102. Three hours' credit.

309b. Theory of Equations. Determinants, symmetric functions, and fundamental theorems of analysis. Prerequisite: Mathematics 309a. Three hours' credit.

434. Differential Equations (312). A short course in differential equations including twenty-one types, first

order and higher order equations; applications to the solution of problems. Prerequisite: Calculus 205-6-7. Three hours' credit.

435. Mathematics of Statistics (314). Elementary treatment of the theory of least squares applied to the normal curve; probability, measurements of central tendency. Applications to all fields, education, physics, economics, etc. Prerequisite: Mathematics 205-6 and plane analytics. Three hours' credit.

437. Modern Geometry. A course in technique of construction with primary emphasis on triangles and circles. Methods of approach to construction problems, analysis of possibilities and limitations of construction as well as abstraction of construction techniques. Prerequisites: Junior standing with at least 18 hours content mathematics courses. Four hours' credit.

Methods Courses in Mathematics

334. Teaching of Mathematics (213). A course in the correlation of various branches and application of mathematics to other courses in the school curriculum, including methods in algebra and geometry from a psychological standpoint. Prerequisite: 18 hours of mathematics. Three hours' credit.

335. Teaching of Mathematics (215). Analysis of subject matter and methods of mathematics instruction for use in the junior and senior high school. Prerequisite: 18 hours mathematics. Three hours' credit.

Physics

201. Mechanics, Properties of Matter. This course in general physics may be taken by those who have had no high school physics and only a brief course in high school. The lectures will be fully illustrative. Laboratory work. Four hours' credit.

202. Heat, Magnetism and Electricity. A general treatment of this subject, however, meets requirements for engineering and medical students. Laboratory work required. Prerequisite: Physics 201. Four hours' credit.

203. Sound and Light. A general treatment with special aim to meet pre-medical students. Laboratory work required. Prerequisite: 202. Four hours' credit.

211a. Introductory course in practical radio with arithmetic background, related physics, power circuits, radio frequency, modulation, etc. Prerequisites: Physics 201, 202, 203. Four hours' credit.

211b. Continuation of 211a, which is a prerequisite course. Instruction in radio technique, use of test equipment in locating radio disorders, radio repairing, servicing, etc. Prerequisite: Physics 211a. Four hours' credit.

211c. Measurements and calculations of radio frequency circuits, including actual construction of these circuits. Prerequisites: 211a and 211b. Four hours' credit.

301. Electron Physics. Electron kinetics, vacuum tubes, and X-rays. Prerequisites: Physics 201, 202, 203; Mathematics 101, 102, 103 or Engineering Mathematics. Two hours lecture and two three hour labs per week. Four quarter hours' credit.

302. Nuclear Physics. Spontaneous disintegration. Artificial transmutations and Cosmic Rays. Prerequisite: Physics 301. Two hours lecture and two three hour labs per week. Four quarter hours' credit.

303. Special Laboratory Techniques. High vacuum technique, high voltage and small current techniques, ionization chambers. Prerequisite: Physics 302. Two hours lecture and two three hour labs per week. Four quarter hours' credit.

331. Electricity (209). This course involves a more extended discussion of the topics than can be given in general physics. The student will be expected to become thoroughly familiar with measuring instruments and their use in actual measurements. One lecture and two laboratory periods. Prerequisites: 201, 202, 203. Three hours' credit. Winter quarter.

332. Electricity. This course consists of a study of power stations and the distribution of power, electric lighting, electric heating, electric traction, and electric communication. Two lectures and one laboratory period. Prerequisite: 210. Three hours' credit. Spring quarter.

434. Modern Physics. This is a course based on developments since 1937. Only seniors and mathematics majors

should be admitted to this course. Prerequisites: Mathematics 206, 207, Physics 203. Three hours' credit.

Mechanical Art

201 a, b, c. MECHANICAL DRAWING. These courses are designed for beginning students. They are recommended for all students of three dimensional mathematics. Students offering one unit of mechanical drawing from high school may omit 201a and begin with 201b. One hour credit per quarter.

311 a, b, c. MECHANICAL DRAWING. This is an intermediate course intended to follow course 201c. One hour credit per quarter, but not counted on major.

Department of Music

The administration recognizes that a complete curriculum in the liberal arts college should include a department of music in which a student may obtain either a major or a minor, or in which a student may take private lessons in applied music either with or without credit.

The aim of this department is to develop a high standard of musicianship, to equip the student with the musical skills necessary for him to be a professional and vocational leader, and to provide for the student cultural experiences in music.

Courses may be taken:

(1) As work to apply on the degree of Bachelor of Arts with a major in music.

(2) As work to apply on a minor when the major is taken in some other department.

(3) As elective work for those majoring in other departments.

(4) As applied music either with or without credit. A limit prescribed below is set upon the number of hours thus allowed.

Courses offered in the Department of Music:

NOTE: The Music Department reserves the right to decide each year according to the demand and need of the students just which of the courses listed shall be taught.

104. ELEMENTRARY THEORY OF MUSIC. A course designed particularly for the layman. Stresses fundamentals and essentials of music notation and terminology. Meets twice per week for twelve weeks. Two hours' credit.

105-106-107. Elementary Harmony. Intensive drill in formation of scales, intervals, and triads. Principles of chord progressions, cadences. The dominant seventh chord and its simple resolution. Assigned melodies, basses, and original work. Simplest modulations. Meets three times per week throughout the school year. Nine hours' credit.

121-122-123 (Formerly 203-4-5 and 303-4-5). Sight Singing and Dictation. Melodic and rhythmic dictation Drill in sight singing. Meets twice per week throughout the school year and offers two hours per quarter. Six hours' credit.

200-201-202. Advanced Harmony. Inversions of the dominant seventh chord, regular and irregular resolutions. The diminished seventh chord, secondary seventh chords, dominant ninth chords. Simple ornamentation. Assigned melodies, basses, and original work. Further drill in modulation. Meets twice per week throughout the school year. Two hours' credit per quarter.

224. Church Music. A general survey of music in the evangelical churches, with particular emphasis on music in the Southern Baptist denomination; a study of choir organization, congregational and evangelical song-leading, hymnody, conducting, and group voice training as applied to choirs of the various age level. Meets twice weekly for one term each school year. Two hours' credit. Music 104 prerequisite for student with no musical background.

234. (Formerly 101.) Public School Music. A course in music methods and materials for use in the primary and intermediate grades. It stresses the care of the child voice, rhythm development, rote-song singing, and repertoire for the primary grades; for the intermediate grades it offers methods and materials, development of two and three-part singing, and rhythmic notation. The ability to play a simple melody on the piano is a prerequisite for course 234. It is suggested that a student who has had no piano lessons and who expects to enroll for 234 during the fall quarter prepare himself during the summer quarter to meet this requirement. Meets three times per week for twelve weeks. Three hours credit. This course will be offered at the Winter Quarter.

235 (Formerly 103). Music Appreciation. A course dealing with the development of music from the pre-Bach age to the modern period. Opportunity is provided for the student to listen to recordings illustrative of the various periods. Meets three times per week for twelve weeks. Three hours credit. This course will be offered at the Spring Quarter.

334. Counterpoint. The study of the five individual species and florid combined species of strict contrapuntal writing. Three times weekly. Three hours' credit. (Fall.)

335. Form and Analysis. Nomenclature. Dissection of Binery and Ternery forms into periods, phrases, motives and figures, with special attention to rhythms and cadences. Analysis of Dance and Song forms of all types. Themes with variations showing the many ways of motive development. Analysis of Large Forms-Fugue, Sonata, Rondo, Concerto, Symphony, Oratorio, Cantata and Opera. Three times weekly. Three hours' credit. (Winter.)

336. History of Music. Music in ancient and medieval times, showing contributions to our present musical culture and culminating in the vocal polyphony of the 16th century. The development of the opera, orchestra, instrumental music, etc. The early 18th century, emphasizing the vocal and instrumental styles of Bach and Handel. The Viennese classicists, Haydn, Mozart, Beethoven, etc.; with the perfection and use of the sonata form. The romantic period—Schubert, Schumann, Mendelssohn, Chopin, Wagner, Liszt, etc. Modern trends. Observation and performance of typical compositions of representative composers; including little known early works. Collateral reading and reports. Biographical sketches. Nationalism and Modern Trends —Music in America from colonial days to the present. Folk music in America. Book reviews. Thesis. Three times weekly. Three hours' credit. (Spring.)

Applied Music

111-112-113; 211-212-213. Class Piano (Ensemble). Basic keyboard musicianship and piano playing in ensemble and solo selections graded according to those in each section

of class. Meets twice weekly throughout the school year. One credit hour per quarter; three hours per year. (Special fee.)

121-122-123. FRESHMAN PIANO. Bach Inventions, Preludes, Suites, etc.; Beethoven, Sonata, Op. 10, No. 1 or Op. 14, No. 2; Haydn, Sonatas; Mozart, Sonatas; Chopin, Preludes, Valses, Mazurkas, and Nocturnes; other classic and romantic composers and modern composers. Technical plan of studies and exercises, including scales, arpeggios, double-notes, chords, and octaves. Four-hand ensemble playing; sight-playing; and transportation. Minimum of three approved compositions must be played by end of each quarter. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

221-222-223. SOPHOMORE PIANO. Bach, Three-Part Inventions, Partitas, etc.; Beethoven, Sonatas and Variations, Chopin, Etudes, Impromptus, Scherzi, Ballades, etc.; other classic and romantic composers. Continuation of technical plan of studies and exercises. Four-hand ensemble playing; sight playing; and transposition. Minimum of three approved compositions must be played by end of each quarter. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

321-322-323. JUNIOR PIANO. Bach, Well-Tempered Clavichord, Italian Concerto, Organ Chorale-Preludes, etc. Beethoven, Sonatas, and Variations; Chopin Etudes, Ballades, Fantasie, Sonatas; other classic and romantic composers; and modern composers. Separate course in ensemble playing. Sightplaying and transposition. Minimum of three approved compositions must be played by end of each quarter. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

421-422-423. SENIOR PIANO. Bach, Chromatic Fantasy and Fugue; Beethoven, more difficult Sonatas; Liszt, Concert Etudes; other classic and romantic composers; and modern composers. Fulfill graduation requirements in piano playing. Prepare and play concerto, and public recital from memory. Two private half-hour lessons

weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

121-122-123. Freshman Organ. Car—Master Studies; Willy—Pedal Studies; Koc—Scales; Bach—Eight Preludes and Fugues; Fugue in B minor; Prelude and Fugue in E minor. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

221-222-223. Sophomore Organ. Bach — Fantasie and Fugue in C minor; Fugue in G minor; Preludes and Fugues in C major, A major and B minor; Preludes in C minor and F minor, First Sonata; Mendelssohn—Second Sonata. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

321-322-323. Junior Organ. Bach — Choral Preludes; Preludes and Fugues in E minor and A minor. Second Sonata; Toccata and Fugue in D minor; Prelude and Fugue in D major; Prelude and Fugue in G major; Franck—Fantasie in C major; Mendelssohn—Third Sonata. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per years. (Special fee.)

421-422-423. Senior Organ. Bach—Fantasie and Fugue in G minor, Third Sonata; Prelude and Fugue in E flat; Mendelssohn—Six Sonata; Vierne, Symphony No. 1; Vidor—Gothic Symphony; Compositions of advanced grade for the modern organ by representative American and European composers. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

121-122-123. Freshman Violin. Method of Maia Bang or another approved method. School of Violin Technic, Op. 1, Book I by Sevcik. Daily Studies by Zajic-Czerwonky. Etudes by Wohlfahrt. Scales, pieces, and arpeggios in grade. Kayser, Op. 20, Book I; Allard, Op. 10, No. 1. Dancla, Op. 126. Solos chosen to apply technic. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

221-222-223. Sophomore Violin. Kayser, Book II. Dancla, School of the Five Positions, Op. 122. Dont,

Op. 37, A minor. Selected studies, concertos and solos to meet the needs of the individual student. Kreutzer Etudes. Rode Etudes. Rode Concertos, Nos. 4, 7, 8. Viotte No. 23, 19, or 22. Compositions by Leonard De Beriot, Czerwonky, Saenger, Severn and others. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

321-322-323. Junior Violin. School of Violin Technic, Op. 1. Book II, and School of Bowing by Sevcik. Double Stop Studies by Hoffman. Studies by Kreutzer and Fiorillo. Concertos, Spohr 2, 6, 8, or 9. Wieniawski, No. 2. Vieuxtemps, Nos. 4 or 5. Schradieck, 25 Studies. Technical Studies by Sevcik. Etudes by Rode, Sebald and Dont. Concertos by Vieuxtemps, Mozart and Max Bruch. Pieces by Wieniawski, Sarasate, Hubay, Czerwonky, Kreisler and others. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

421-422-423. Senior Violin. Technic of Grade 6 continued. Concertos by Mendelssohn, Saint-Saens and Symphonic Espagnole by Lalo. Paganini Caprices. Bach Sonatas for Violin alone. Concertos and Concert Pieces. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year.

Other Instruments

In private lessons, numbered as above. Credit as above. (Special fee.)

*Class Ensembles 111, 112, 113; 211, 212, 213. (Other instruments). Band and orchestral instruments in sectional drill and study. Meets twice weekly throughout the school year. One hour per quarter. Three hours' credit. (Special fee.)

Voice 121-122-123. Principles of breathing. Study of vowels and tone-placing. Enunciation. Solfege exercises and vocalises consistent with the needs of the individual student. Songs in English. Italian optional. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

Voice 221-222-223. Vocalises continued. Studies in diatonic and chromatic scales; the trill and other embellish-

ments. Italian songs and selected songs by Handel, Mozart, Schubert, Schumann and others of the classic and romantic periods. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

VOICE 321-322-323. Studies for flexibility, velocity, style and expression. Recitative, lyric and dramatic arias from the operas and oratories of Handel, Haydn, Mozart, and songs by modern composers. Recital. Two private half hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

VOICE 421-422-423. Classic, romantic and modern song literature. Oratorio Opera. Recital. Two private half-hour lessons weekly. Two hours per quarter. Six hours' credit per year. (Special fee.)

*MIXED CHORUS. Any student may be admitted to the chorus after consultation with the director. At least two formal public performances are presented during the school year. Opportunity is provided for the study of both sacred and secular choral music. Meets twice per week throughout the school year and offers one hour's credit per quarter. Three hours per year.

*VOCAL ENSEMBLES. Various small choral ensembles such as women's trios and double trios, mixed quartets, etc., are organized both for the sake of pure enjoyment of participation and for public performances upon many and varied occasions. One hour per quarter.

*BAND. Regular university band practice and performance in concert and at athletic events. Minimum practice of twice per week. One hour credit per quarter.

CLASS VOICE. Theory and practice of vocal tone production in small groups. Individual attention and solo training. Meets twice per week throughout the year. One hour credit per quarter. (Special fee.)

*NOTE: Students may register in a maximum of two of the following courses per quarter: (chorus, vocal ensembles, band, instrumental class ensembles, and educational dramatics), but may receive credit in only one.

General Regulations for Students in the Department of Music

1. Not more than twelve hours in applied music will be allowed toward a major.
2. The twelve hours in applied music may be taken either in piano, or voice, or partly in organ, or they may be taken as a combination of any two. The case of each individual student must be decided by the music committee.
3. A minimum of two hours daily practice is required in any field of applied music pursued.
4. No student, unless he is taking courses in music to apply on a major or minor, may take *for credit* more than six hours' of applied music.
5. No student is allowed to begin work on a music major without the approval of the music committee.
6. The student who is taking music as a minor may not use more than eight hours in applied music for the minor.

Department of Religion

The work of this department has been planned with a two-fold purpose. First, a rather complete course of study has been organized for those young men and women who are to enter definite types of religious service, whether as ministers, missionaries, or religious education leaders. Second, opportunity is given to those other young people who, though they are majoring in other departments and are preparing for other professions, wish to take certain courses for the cultural value derived from such study, for the deepening of their spiritual lives, and to serve more efficiently in their respective churches. Careful attention is given to the actual study of the Scriptures.

Old Testament

101. The Pentateuch. Special attention will be given to the being, nature, and activities of God as revealed in His relations to the creation, redemption, and control of all things. Three hours' credit.

102. Historical Books. Special attention will be given to the officials, nations, and prophets of this period. Three hours' credit.

103. Historical Books. Continuation of 102. Three hours' credit.

200. Messianic Prophecy. A survey of prophecies which point to the coming of Christ. Three hours' credit.

334. Poetical Books. Emphasis will be placed on the Bible as literature. The message, doctrine, and excellencies of the various passages will be pointed out. Prerequisites: Old Testament 101 or 102. Three hours' credit.

335. Minor Prophets. The historical background will be considered, as well as the teachings of the prophets. Three hours' credit.

431. Major Prophets (202). Emphasis will be placed on the interpretation of their messages, along with a study of their writings as literature. Prerequisites: Old Testament 200 or 334, or permission of professor. Three hours' credit.

432. Isaiah. An intensive study of this great prophet. Exegesis of certain passages. (Alternative with 431.) Prerequisites: Old Testament 200 or 334, or permission of professor. Three hours' credit.

New Testament

204. The Four Gospels. Special attention will be given to the life and person of Christ, to His works, Teachings, and influence on others. Three hours' credit.

205. Acts of the Apostles. This course will involve a tracing of the history of the early churches and a spread of Christianity. A preparatory course to Paul's writings. Three hours' credit.

209. New Testament Evangelism. Special attention will be given to the New Testament Churches during their great revivals. An attempt will be made to discover the factors involved in producing great revivals. Three hours' credit.

331. Pauline Epistles (206). A study of the Pauline Epistles in the chronological order of their composition. Special emphasis will be given to the historical background, purpose, and teaching. Prerequisites: New Testament 205. Three hours' credit.

332. Pauline Epistles (207). A continuation of 331. Prerequisite: New Testament 205. Three hours' credit.

434. Hebrews and Certain General Epistles (208). A study of Hebrews, James, Peter, and Jude from the standpoint of the historical background, purpose and teaching. Prerequisites: New Testament 204 or 205. Three hours' credit.

435. Revelation and John's Epistles (208). A study of Revelation and John's letters from the standpoint of historical background, purpose, and teaching. Prerequisites: New Testament 204 or 205. Three hours' credit.

436. Matthew (210). An intensive study of Matthew including some exegesis. Prerequisites: New Testament 204 or 205, or permission of professor.

437. John. An intensive study of the Gospel according to John. (Alternate with 436.) Three hours' credit.

Greek

211. Introduction to New Testament Greek.* Constant attention is given to the mastery of vocabulary, grammar, and syntax. Sophomores and juniors admitted to the course. Four hours' credit.

212. Introduction to New Testament Greek.* A continuation of 211. Prerequisite: 211. Four hours' credit.

213. Introduction to New Testament Greek.* A continuation of 212. Prerequisites: 211 and 212. Four hours' credit.

311. New Testament Greek. A careful study of the meaning, grammar, and syntax of the Greek New Testament. Reading in the Greek New Testament is an integral part of the course. Prerequisites: 211, 212, 213. Three hours' credit.

312. New Testament Greek. A continuation of 311. Prerequisite: 311. Three hours' credit.

313. New Testament Greek. A continuation of 312. Prerequisite: 312. Three hours' credit.

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*No credit will be given for less than a year of Greek.

Philosophy

309. Comparative Religions. A study of man's religious nature, together with a survey of world religions. These religions will be compared with Christianity and emphasis placed on the superiority and finality of the teaching of Jesus. Three hours' credit.

334. Introduction to Philosophy (204). A general survey course of the more important thinkers and systems. Three hours' credit.

335. Christian Philosophy (205). A survey of the thinkers and systems of modern philosophy with emphasis on systems of Christian leaders. Three hours' credit.

336. Ethics. It is the function of Ethics to discover and expound the eternal principles that govern all moral action. A full treatment of these principles will give a basis of action for all mankind in general and the Christian in particular. Three hours' credit.

Religious Education

112. Introduction to the New Testament. Presentation of the background and people of the New Testament. Three hours' credit.

209. The Local Church and Outside Missions. A careful analysis of the church organizations and their functions. Survey of denominational activities. An attempt will be made to help students interested in becoming church secretaries. Three hours' credit.

306. Church History. A rapid survey of the growth and development of the Christian Church. Three hours' credit.

307. Church History. Continuation of 306. Three hours' credit.

334. Bible Doctrines (Formerly 203). A study of the great doctrines of our faith. Three hours' credit.

434. Homiletics (Formerly 307). This course is intended for the ministerial students and will deal with their conversion and call to the ministery; social, ethical, and denominational life; and the preparation and delivery of sermons. Pastoral problems will receive consideration. Prerequisite: Senior standing, or consent of instructor. Three hours' credit.

Department of Social Sciences

History, Political Science, and Sociology are inseparably connected. History is largely the record of the social and political changes and conditions of man. The chief problems before man today, as in all the past, are economic and social. These make up the leading political questions. Therefore, every citizen to vote, talk or to act intelligently must know something of the great underlying principles of these subjects. This is the purpose of all the courses in this department.

History

101. A Survey of European Civilization, 395-1450. This survey is designed to meet the needs of freshmen. Stress is placed upon the disintegration of the Roman Empire, the establishment and development of the Christian church, the Byzantine Empire, the Carolignian Empire, the feudal system, the Investiture struggle, the Crusades, the rise of cities, and the decline of the Papacy. Three hours' credit.

102. Survey of Early Modern Civilization, 1500 to 1848. Topics: Feudalism; medieval trade and the rise of towns; development and expansion of the church; the crusades; the Renaissance; the Reformation; the Counter Reformation; and the advent of modern China. Three hours' credit.

103. Survey of Recent Modern Civilization, 1848 to the Present Time. Topics: World-wide industrialism; nationalism; scientific development; imperialism; World War I; the League of Nations; communism in Russia; Hitler's third reich; the great powers of Eastern Asia; and World War II. Three hours' credit.

211. The Colonial Period in United States History, 1492-1789. (Replaces 210a and 210b.) Three hours' credit.

212. The Middle Period of United States History, 1789-1865. (Replaces 307 and 308.) Three hours' credit.

213. History of the United States Since 1865. Reconstruction. The rise of big business. Progressivism. World War I. Back to Normalcy. New Deal. Three hours' credit. (Replaces 309.)

301. Introduction to the History of Latin America.* A survey of the Spanish Colonial Empire and of the movement for independence. Prerequisites: History 211, 212, and 213, or Junior standing. Three hours' credit.

302. History of Latin America in the Nineteenth Century. Aftermath of independence; the establishment of the new governments. Prerequisites: History 211, 212, 213, and 301. Three hours' credit.

303. History of Recent Latin America.* The recent development of Central and South America including an evaluation of the United States' political and economic relations with her southern neighbors. Prerequisites: History 301 and 302. Three hours' credit.

304. History of England to 1558. A study of the origin and growth of the English people, the development of their institutional life, their economic life, Magna Charta, etc. (Offered in 1949-50.) Three hours' credit.

305. History of England, 1558 to 1763. Emphasis is placed upon the development of literature, the expansion of the British state during the period, the rise of Parliament and the development of the English Constitution. (Offered in 1949-50.) Three hours' credit.

306. Great Britain, 1760 to 1918. A study of English imperialism and the evolution of the British state as shaped by modern forces. (Offered in 1949-50.) Three hours' credit.

307. American History, 1790-1828. Prerequisites: History 211 and 212 or consent of instructor. (Offered in 1948-49.) Three hours' credit.

308. American History, 1828-1860. Prerequisites: History 211 and 212 or consent of instructor. (Offered in 1948-49.) Three hours' credit.

309. American History, 1900-1920. Prerequisites: History 213 or consent of instructor. (Offered in 1948-49.) Three hours' credit.

310. American History, 1920 to Present Day. Prerequisites: History 213 or consent of instructor. (Offered in 1948-49.) Three hours' credit.

*Offered only when requested by a sufficient number of students.

313. The Renaissance and Reformation. A study of the invention of printing and the diffusion of knowledge; the rediscovery of classical civilization; the vogue of classicism and humanism; the rise of literature and art; the development of natural science and historical criticism; Martin Luther and the revolt from Rome; Zwingle, Calvin, Knox and others; the Counter-Reformation; the rise of the Jesuits and the Inquisition; the Thirty Years' War; Papacy and Empire. (Offered in 1948-49.) Three hours' credit.

314. The French Revolution. A study of the Old Regime, the influence of the Philosophers, the Estates General, the National Constituent Assembly, the attempts of France to establish a stable government during the 1790's, the Reign of Terror, Robespiere and other leaders, the rise of Napoleon Bonaparte, the foreign wars, the Empire and the reorganization of Europe, the Congress of Vienna. Three hours' credit.

315. Nineteenth Century Europe, 1870-1914. Emphasis upon results of Franco-Prussian War and the underlying causes of World War I. (Offered in 1949-50.) Three hours' credit.

320. American History, 1763-1789. The Revolution, the War of Independence, the Confederation, the Constitution. (Offered in 1948-49.) Three hours' credit.

410. History of American Diplomacy, 1776-1865. A survey of the foreign affairs of the United States from the Revolution through the Civil War. Prerequisites: History 211, 212, and 213 or Senior standing. (Offered in 1949-50.) Three hours' credit.

411. Diplomatic History of the United States, 1865 to Present Time. A study of those international experiences of the United States which seem to reveal the American foreign policy. Prerequisites: A Senior student or courses 211, 212, and 213. (Offered in 1949-50.) Three hours' credit.

412. The Old South. Stress is placed upon colonial politics; services rendered in the Revolution and in the formation of the Union; the social, industrial, and religious development; the sectional controversies prior to the Civil War. (Offered in 1948-49.) Three hours' credit.

414. Europe from 1914-1930. Prerequisites: History 103 or consent of instructor. (Offered in 1949-50.) Three hours' credit.
415. Europe from 1930 to Present Day. Prerequisites: History 103 or consent of instructor. (Offered in 1949-50.) Three hours' credit.
439. Teaching Social Studies in Secondary Schools. (Offered in 1949-50.) Three hours' credit.

Political Science

201. The Foundations of Government in the United States. A study of the government in a twentieth century world, the beginnings of state and national governments, making the National Constitution, political parties, nominating and electing a President. Three hours' credit.
202. The National Government. A study of the President—as chief executive; the executive civil service; the structure of Congress; the President and Congress; the national judiciary; national revenues and expenditures; money, banking, and credit; foreign relations, etc. Prerequisite: Political Science 201. Three hours' credit.
203. State and Local Government. A study of the state constitutions; the state legislatures; the state executive; the state judiciary; the state finance; the county and its government; the city and its charter; the forms of city government; townships, villages, and special districts. Three hours' credit.
361. Political Parties. A study of the nature, development, organization and methods of political parties, and the conduct of elections. Prerequisite: Junior standing. Three hours' credit.

Sociology

231. Principles of Sociology (132). This is a survey of the entire field in an effort to master the determining principles and laws found in social relations. Prerequisite: Sophomore standing. Three hours' credit.
232. Principles of Sociology (133). A continuation of 231. Prerequisite: Sociology 231. Three hours' credit.
334. Social Problems. A practical introduction to some

of the specific problems of Sociology. Prerequisites: Sociology 231 and 232. Three hours' credit.

335. Rural Sociology (241). An intensive course in the dominating elements of rural life problems. It is planned to meet the needs of rural teachers, pastors, county agents, and other rural community workers. Prerequisites: Sociology 231 and 232. Three hours' credit.

336. Urban Sociology (242). Special attention is given to the structure, functions, and problems of the modern city. Prerequisites: Sociology 231 and 232. Three hours' credit.

Speech and Drama

This course of study purposes to give to the student constructive training that will be a valuable element in his education. It is designed for those who wish to be teachers, salesmen and ministers, as well as for those who seek general cultural development.

The aim is to free the individual from the limitations of timidity and self consciousness, and to teach him how to form and give expression to clear mental impressions through the artistic use of the voice and body. In the course of study not only are the foundations of good speech laid, such as breathing, tone placement, enunciation, and pronunciation, but the entire scale of the voice is brought into use and a wider range established.

Those desiring to pursue a course in speech and drama are urged to lay a broad foundation for the work. Much attention should be given to the study of English, psychology, and kindred subjects.

*Educational Dramatics

Study and practice for the presentation of plays. Analysis of interpretation of bodily agents and application to physical characterizations; study of normal voice and interpretation of lines leading into vocal and dialectic characterizations. Public performances. One hour credit per quarter.

*Students may register in a maximum of two of the follow- per quarter; (chorus, vocal ensembles, band instrumental class ensembles, and educational dramatics) but may receive credit in only one.

210. Voice and Diction. Development and use of the speaking voice, with special attention to everyday social and professional needs of the student; technique of good speech, such as correct phrasing, intonation, and stress patterns, a clear, pleasing, and well modulated voice, distinct and acceptable pronunciation. Consideration is given to the elimination of such difficulties as throat fatigue, huskiness, nasality, extremes of pitch, indistinctness, monotony, mispronunciation. Three hours' credit.

212. Oral Interpretation of Literature. Oral reading as an educative exercise for the development of the individual. Study and practice in the analysis and presentation of various types of literature; the short story, the narrative poem, the lyric, the sonnet, and the one-act play. Consideration of the techniques of reading and of program material. Three hours' credit.

213. Public Speaking. Techniques of composition and delivery of various types of speeches for formal and informal occasions. Analysis of speech situations in business, social and professional relations. Practice and criticism. Three hours' credit.

215. Play Production. This course considers the organization of dramatics in schools, colleges, social clubs, and community houses. It will deal with the history and present status of play production; business organizations and contracts; play choice and casting; the theory and practice of rehearsal, directing and acting. Three hours' credit.

228-328-428. Debating. A study of the common debate subjects of the day and the issues involved. All members must represent the school or some organization of the school in at least one public debate on a current topic. One hour credit on each course.

310. Voice and Diction. A more advanced course for those who have had Speech 210. Three hours' credit.

312. Oral Interpretation of Literature. A more advanced course for students who have had 212. Four hours' credit.

313. Public Speaking. A more advanced course for those who have had 213. Three hours' credit.

315. Play Production. A more advanced course for those who have had 215. Three hours' credit.

317. Principles of Debating and Debate Coaching. A study of the fundamentals of argumentation and debate, the selection of questions, debate reasoning, debate logic, refutation and rebuttal, debate fallacies, aids to debaters, types of debating and rules for each, the task of each speaker, the judging of debates, tournament debating, the work and problems of the debate coach, etc. Three hours' credit.

Physical and Health Education

Physical Education

The purpose of required physical education is to maintain the physical vitality of students and to develop interests and activities that will continue beyond school. The work includes conditioning exercises, folk rhythms, individual activities, adult sports, etc. Students presenting a certificate from the college physician may be exempt from active participation.

Courses are planned with the following aims: (1) to meet the state requirements of all elementary and high school teachers in this field; (2) to offer a varied program of physical activity which will contribute to the well being of the student; and (3) to train men and women as leaders in physical education, physical directors, and coaches. Beginning with the class of 1949 the college plans to offer a major in Physical Education.

100, 101, 102. Required Physical Education. Two hours per week throughout the year. Required of all freshmen. Each course one hour credit.

106. Instruction and Practice in Archery. One hour credit.

120a. Recreational Rhythms. One hour credit.

200, 201, 202. Required Physical Education. A continuation of 100, 101, 102. Two hours per week throughout the year required of all sophomores. Each course one hour credit.

205. Physical Education in Elementary School. The purpose of the course is to prepare prospective teachers to carry out the physical education program required in the elementary schools of the state. The course includes both games and exercises. Required of students taking

the Two-Year Elementary Curriculum. Three hours' credit.

210. Marching, Tumbling, and Stunts. Practice in the fundamental skills and techniques in tumbling and marching tactics. One hour credit.

212. Indoor Social Activities. (Games and contests for home, school, and community leisure time.) Three hours' credit.

214. Boxing and Wrestling. (Men). The fundamentals of boxing and wrestling are taught. Competitive boxing and wrestling is conducted in class period. One hour credit.

216. Swimming (Beginners). Men and women. Theory and technique. Two hours' credit.

300, 301, 302, 303, 304. Athletic Coaching. These courses include Coaching Football, Coaching Basketball, Coaching Volleyball, Beginners Tennis, and Advanced Tennis respectively. Two hours' credit.

305. History of Physical Education. A thorough foundation in the history of Physical Education emphasizing leaders of the past and present. Three hours' credit.

307. Playground and Community Recreation. The planning and administration of recreation programs for playground and recreation centers. Three hours' credit.

310. Methods of Promoting Intramural Activities. Training and experience in conducting intramural programs in high school and college. Two hours' credit.

314. Swimming (Life Saving). Two hours' credit.

334. Scout Leadership. (Organization and administration of the scout troop is emphasized.) Three hours' credit.

400. Physical Education in Secondary School. The purpose of the course is to prepare students who plan to teach Physical Education in high school to carry out the physical education program of the state required at the high school level. The course includes both games and exercises. Required of all students who expect to certificate in Physical Education. Three hours' credit.

415. Tests and Measurements in Physical Education and Health Education. A study of various tests in-

cluding those designed to measure neuromuscular capacity of proficiency. Two hours' credit.

421. Organization and Administration of Physical Education. A course designed for majors in physical education. The course deals with the administrative problems in a department of physical education in the city school system, rural district, elementary and high school, and colleges. Four hours' credit.

431. Coaching Track (Men). Two hours' credit.

Health Education

101. See Home Economics 101. Three hours' credit.

221. See Home Economics 221. Three hours' credit.

234. Emergency Injuries. A general study is made of the prevention and emergency care of injuries. Topics included are infection, germicides, making and using dressings, care of injuries and accidents, first aid treatment for hemorrhages, factures, sprains, etc. Three hours' credit.

308. Health Education in Elementary School. The purpose of the course is to supply a background in health education essential to the teacher in the elementary school. Methods of health instruction are included. Three hours' credit.

315. Health Service in Elementary School. The purpose of this course is to equip the teacher to carry on the health service program in the elementary school. Emphasis is placed on detection and isolation of communicable diseases, discovery of defects of the eyes, teeth, etc. Health examinations and follow-up work are stressed. Three hours' credit.

413. Hygiene. A practical course in personal and community hygiene dealing with the application of the findings of science and medicine to the improvement of daily living. Three hours' credit.

ROSTER OF STUDENTS
1947-1948

(The classifications listed herein are the students' classifications at the beginning of the last quarter in which they were enrolled in 1947-1948.)

SENIORS

Melba June Adams ..... Union City, Tennessee
Audie Anderson, Jr. ..... Marietta, Mississippi
Calvin Anderson ..... Huntingdon, Tennessee
Edmund J. Anthony ..... Ripley, Tennessee
Milas M. Ayers ..... Jackson, Tennessee
Doris Baker ..... Rhome, Texas
Dolly May Bandy ..... Danville, Kentucky
Blanche B. Baxter ..... Jackson, Tennessee
Ida E. Bennett ..... Stanton, Tennessee
Irene K. Bishop ..... Jackson, Tennessee
Edwin D. Bivens ..... Jackson, Tennessee
Jim Faye Board ..... Union City, Tennessee
Jeannette Bodkin ..... Trenton, Tennessee
Thomas S. Brandon ..... Benton, Kentucky
Polly Ray Brett ..... Jackson, Tennessee
Shelby D. Brewer ..... Hackleburg, Alabama
Perry Brookshire ..... Marion, Kentucky
James E. Brown ..... Jackson, Tennessee
Jean M. Brown ..... Jackson, Tennessee
Velma E. Brown ..... Jackson, Tennessee
Paul Burns ..... Pulaski, Tennessee
Ellis Buse ..... Tupelo, Mississippi
Jean Carlisle ..... Lucy, Tennessee
Walter R. Carter ..... Sardis, Tennessee
Geraldine Clark ..... Adamsville, Tennessee
Carolyn Dodds Clements ..... Columbus, Georgia
Stephen H. Cobb ..... Mayfield, Kentucky
Bettye Cogburn ..... Alamo, Tennessee
Hugh G. Coltharp ..... Jackson, Tennessee
J. P. Crabb ..... Booneville, Mississippi
Betty Craig ..... Marion, Kentucky
Verble Crawford ..... Hornsby, Tennessee
Frances Crosson ..... Jackson, Tennessee
Fred J. Crosson ..... Jackson, Tennessee
Pauline Currie ..... Brownsville, Tennessee

James G. Daves ..... Jackson, Tennessee
William Dawson ..... Jackson, Tennessee
Georgene Day ..... Laconia, Tennessee
Lucille Dew ..... Jackson, Tennessee
James Diamond ..... Jackson, Tennessee
John G. Dickinson ..... Mercer, Tennessee
Charles O. Dinkins ..... Jackson, Tennessee
J. C. Dixon ..... Union City, Tennessee
Peggy Jo Dodson ..... Halls, Tennessee
George L. Dowd ..... Jackson, Tennessee
Katy Lou Dunagan ..... Trenton, Tennessee
Lois Boothe Dunn ..... Burnsville, Mississippi
James Eaves ..... Jackson, Tennessee
Robert K. Elam ..... Jackson, Tennessee
Evelyn Epps ..... Courtland, Mississippi
Ermon M. Evans ..... Jackson, Tennessee
Sara Jane Evans ..... Jackson, Tennessee
Ludie Featherston ..... Newbern, Tennessee
George Ferguson, Jr. ..... Covington, Tennessee
Janet B. Forgy ..... Jackson, Tennessee
James D. Franks ..... Falls Church, Virginia
Lacy W. Freeman ..... Humboldt, Tennessee
James H. Frey ..... Springfield, Tennessee
James B. Frye, Jr. ..... Jackson, Tennessee
Rudy D. Gandy ..... Ripley, Tennessee
Maurine Smith Gann ..... Marietta, Mississippi
Virginia Goodrick ..... Etterville, Missouri
Robert L. Goodwin ..... Enville, Tennessee
Margaret Jane Hamner ..... Jackson, Tennessee
Joe E. Harris ..... Jackson, Tennessee
Irvin Hays ..... Trenton, Tennessee
Mrs. K. L. Helm ..... BeechBluff, Tennessee
Ralph Henderson ..... Jackson, Tennessee
Margie Herron ..... Jackson, Tennessee
Frances Jean Hicks ..... Elizabethtown, Kentucky
Betty Hipps ..... Asheville, North Carolina
Herbey D. Hudson, Jr. ..... Brownsville, Tennessee
Robert L. Hundley ..... Mercer, Tennessee
William E. Ivy ..... Lone Oak, Kentucky
Joyce Johnson ..... Jackson, Tennessee
Willie B. Johnson ..... Arlington, Kentucky
Dorothy Marie Jones ..... Dyersburg, Tennessee

Hubert Jones.....Fowlkes, Tennessee
LeRoy Jones.....Steele, Missouri
Dorothy King.....Jackson, Tennessee
Theo Lancaster.....Jackson, Tennessee
Katie Jo Langford.....Toone, Tennessee
Cecil V. Lauderdale.....Booneville, Mississippi
Ewell Lee.....Jackson, Tennessee
Virginia Leggett.....Gates, Tennessee
Carolyn Joy Liles.....Humboldt, Tennessee
William C. Loggins.....Lobelville, Tennessee
Thomas L. Maddux.....Decaturville, Tennessee
Kenneth S. Mays.....Pinson, Tennessee
Mary Frances Mays.....Jackson, Tennessee
John R. Meador.....Bolivar, Tennessee
Alice J. Mizell.....Jackson, Mississippi
Robert H. Mizell.....Memphis, Tennessee
Thomas L. Moore.....Greenfield, Tennessee
William T. Moore.....Jackson, Tennessee
Mary Jane Murphey.....Rossville, Tennessee
J. T. Newsom.....Vildo, Tennessee
John B. Niceley.....Perryville, Kentucky
Fay M. Oakley.....Dyersburg, Tennessee
Rebecca H. Oldham.....Rutherford, Tennessee
Jane O'Neal.....Henderson, Tennessee
Juanita H. Pafford.....Hollow Rock, Tennessee
Martha Marie Pate.....Boothspoint, Tennessee
Betty Jones Pearce.....Jackson, Tennessee
Gweneth M. Petway.....Benton, Kentucky
Harry K. Phillips.....Corinth, Mississippi
James Alfred Phillips.....Nashville, Tennessee
James Duane Pope.....Grand Junction, Tennessee
Clarence Randolph.....Jackson, Tennessee
Mary Dolores Randolph.....Jackson, Tennessee
Richard Andros Rhodes.....Somerville, Tennessee
Joyce Roberts.....Jackson, Tennessee
Will Hayes Roberts.....Jackson, Tennessee
Margaret Ann Rogers.....Jackson, Tennessee
William E. Roscoe.....Jackson, Tennessee
June Darling Rowland.....Jackson, Tennessee
Fred T. Sanders, Jr.....Humboldt, Tennessee
Andrew B. Saunders.....Jackson, Tennessee
Kyle R. Scates.....San Augustine, Texas

Carlene B. Smith.....Mt. Sterling, Kentucky
Mollie B. Smith.....Kenton, Tennessee
Ted P. Smith.....Selmer, Tennessee
Alvin L. Stobaugh.....Jackson, Tennessee
Annie Kate Stokes.....Lucy, Tennessee
Hubert Stokes.....Jackson, Tennessee
James H. Strawn.....Jackson, Tennessee
Harold E. Sublett.....Trenton, Tennessee
Anne Shelley Taylor.....Jackson, Tennessee
Charles D. Taylor.....Jackson, Tennessee
James Tharp.....Jackson, Tennessee
Katherine Thompson.....Glen, Mississippi
Amy W. Tomlin.....Jackson, Tennessee
Dwayne V. Tucker.....Parsons, Tennessee
Lucille C. Turner.....Covington, Tennessee
Joseph B. Varnell.....Jackson, Tennessee
Charles A. Walker.....Jackson, Tennessee
Frances W. Walker.....Bells, Tennessee
Horry Noel Weaver.....Bemis, Tennessee
Henry G. West, Jr.....Ecru, Mississippi
W. A. West, Jr.....Medina, Tennessee
Thelma Whitlock.....Pulaski, Tennessee
Mary N. Wiggins.....Jackson, Tennessee
Anna Mae Williams.....Paducah, Kentucky
Lacy Earl Williams.....Bells, Tennessee
Marceline Williams.....Humboldt, Tennessee
Margaret Winter.....Jackson, Tennessee
Harold G. Wood.....Jackson, Tennessee
Oakley Woodsie.....Friendship, Tennessee
H. B. Woodward, Jr.....Wewoka, Oklahoma
Glen Yancey.....Savannah, Tennessee

JUNIORS

John P. Adams.....Trenton, Tennessee
Ava Nell Anderson.....Yazoo City, Mississippi
Dortha F. Anderson.....Memphis, Tennessee
Martha B. Anderson.....Jackson, Tennessee
Robert L. Armour.....Henderson, Tennessee
Billy Thomas Armstrong.....Guys, Tennessee
James D. Barnett.....Parsons, Tennessee
Bynum Basden.....Wheeler, Mississippi
William F. Baxter.....Jackson, Tennessee

John E. Bell.....Louisville, Kentucky
Beverly Billingsley.....Jackson, Tennessee
Thomas H. Bond, Jr.....Jackson, Tennessee
Stanley H. Bowden.....Covington, Tennessee
Jack Brown.....Vicksburg, Mississippi
Fred L. Brumbelow.....Hickory Valley, Tennessee
Hazel P. Brumbelow.....Jackson, Tennessee
Harold B. Bryant.....Osceola, Arkansas
Lindsey D. Burbank.....Humboldt, Tennessee
Wilfred Carroll.....Ripley, Mississippi
Lester Causby.....Adamsville, Tennessee
Robert B. Chapman.....Memphis, Tennessee
George E. Clark.....Benton, Kentucky
James R. Clark.....Union City, Tennessee
James E. Cloud.....Henderson, Tennessee
Calvin C. Cooper.....Jackson, Tennessee
James F. Cooper.....Greenfield, Tennessee
Eugene Cotey.....Memphis, Tennessee
Milton D. Cox.....Baldwyn, Mississippi
James W. Crabb.....Booneville, Mississippi
Wm. Frank Crawford.....Memphis, Tennessee
E. Carroll Curtis.....Memphis, Tennessee
Emily Anne Dabney.....Jackson, Tennessee
Mabel Duck Dancy.....Jackson, Tennessee
Gene F. Davis.....Gates, Tennessee
Quinton Dodson.....Guntown, Mississippi
Ruth Dowland.....Trenton, Tennessee
Lucille Dowtin.....Stuttgart, Arkansas
George F. Drinkard.....Ripley, Tennessee
Clarence Driver.....Humboldt, Tennessee
Carl J. Duck.....Mobile, Alabama
Ruby C. Earhart.....Dover, Tennessee
Jeane H. Eaves.....Jackson, Tennessee
Autrey C. Emmert.....Jackson, Tennessee
Thomas L. Estes.....Blue Mountain, Mississippi
Joe Exum.....Jackson, Tennessee
Henry A. Foote.....Mercer, Tennessee
Alma Ruth Franks.....Falls Church, Virginia
Fred Fugitt.....Booneville, Mississippi
Margaret Garnett.....Mayfield, Kentucky
Louis W. Garrett.....Blue Ash, Ohio
Gill A. Gideon, Jr.....Whiteville, Tennessee

James W. Goodwin.....Jackson, Tennessee
Homer L. Guy.....Jackson, Tennessee
Grace Hagensieker.....Dyersburg, Tennessee
Robert L. Hamblin.....Aberdeen, Mississippi
Robert L. Hamlett.....Jackson, Tennessee
Mark J. Hamrick, Jr.....Clarksdale, Mississippi
Kermit C. Harrington.....Jacks Creek, Tennessee
Annie Re Harvey.....Brownsville, Tennessee
Elven D. Hensley.....Jackson, Tennessee
Herbert R. Higdon.....Memphis, Tennessee
Mildred Ruth Holland.....Blue Springs, Mississippi
Clara Jane Holloway.....Jackson, Tennessee
Herbert E. Hoover.....Jackson, Tennessee
Tressie V. Horton.....Jackson, Tennessee
Charles E. Hudson.....Dyer, Tennessee
Henry J. Huey, Jr.....Milan, Tennessee
Woodrow Humphreys.....Memphis, Tennessee
Joseph C. Isaac.....Jackson, Tennessee
Nancy Williams Ivy.....Jackson, Tennessee
Frederick C. James.....Gadsden, Tennessee
Frederick R. Johnsey.....Jackson, Tennessee
Frank F. Johnson.....Jackson, Tennessee
Donald E. Joyner.....Huntingdon, Tennessee
L. D. Kennedy.....Atwood, Tennessee
Harold D. Koffman.....Jackson, Tennessee
Young H. Lang.....Macon, Georgia
Betty J. Lanon.....Jackson, Tennessee
Guy R. Lawler.....Hackleburg, Alabama
Norman L. Levine.....Woonsocket, Rhode Island
Auva Lewis.....Humboldt, Tennessee
Robert W. Lewis.....Memphis, Tennessee
Charles Lindy Lewis.....Kevil, Kentucky
James Littlefield.....Adamsville, Tennessee
Georgia Mae Lowrance.....Dyer, Tennessee
Edward L. McCall.....New Orleans, Louisiana
Clyde H. McCord.....Jackson, Tennessee
Don B. McCoy.....Centerville, Tennessee
Billy F. McIlwain.....Trenton, Tennessee
Eugene B. McLemore, Jr.....Jackson, Tennessee
James P. McLemore, Jr.....Humboldt, Tennessee
Lydia Sue McLemore.....Lavenia, Tennessee
Margaret Mabry.....Water Valley, Mississippi

Josephine D. Malone.....Decaturville, Tennessee
Max L. Marshall .....Benton, Illinois
Buford R. Matlock .....Jackson, Tennessee
Malcolm D. Maxwell.....Drew, Mississippi
Harvey W. Meeks.....Trenton, Tennessee
Guest G. Middleton.....Lexington, Tennessee
June Moore.....Fulton, Mississippi
Grace Murphey .....Jackson, Tennessee
Cleo Owens.....Tishomingo, Mississippi
Richard W. Parker .....Jackson, Tennessee
Regina Peeler.....Stanton, Tennessee
Effie Pearl Pell.....Wesson, Mississippi
Mary Lois Peyton.....Memphis, Tennessee
William McKay Phillips.....Jackson, Tennessee
Sarah Frances Riley .....Tupelo, Mississippi
Patricia Ringgold.....Jackson, Tennessee
Eula Mae Ringold.....Lexington, Tennessee
William F. Roark .....Malesus, Tennessee
Henry C. Roberts .....Jackson, Tennessee
Marvin T. Robertson.....Grand Rivers, Kentucky
Elmer B. Roddy.....Jackson, Tennessee
Billy C. Sanderlin .....Memphis, Tennessee
Frances Scott.....Jackson, Tennessee
Fred Eugene Short.....Bemis, Tennessee
Roy Leonard Simmons, Jr.....Henderson, Tennessee
David A. Smith.....Memphis, Tennessee
Roy M. Smith.....Henderson, Tennessee
Myron Trudell Smith .....Decaturville, Tennessee
Lowery L. Snipes .....Tupelo, Mississippi
Herbert K. Sorrell .....Memphis, Tennessee
Jane Stallings.....Halls, Tennessee
Robert Stanworth .....Jackson, Tennessee
Thomas S. Stedman.....Jackson, Tennessee
Allie Mae Stevens.....Decaturville, Tennessee
Frances B. Stewart.....Elaine, Arkansas
Max W. Stone .....Petersburg, Tennessee
Wilbur A. Strickland.....Jackson, Tennessee
Sidney Gary Surratt, Jr.....Memphis, Tennessee
Sarah E. Taylor.....Charlestown, Indiana
Mary F. Treece.....Hayti, Missouri
Harold V. Trimble .....Jackson, Tennessee
Heloise A. Tubbs .....Dyersburg, Tennessee

Billy Jean Turner ..... Jackson, Tennessee
Francis W. Vickery ..... Tallahassee, Florida
Ila Volterman ..... Brownsville, Tennessee
James Fred Walden ..... Tupelo, Mississippi
C. M. Warren, Jr. ..... Clifton, Tennessee
Ralph A. Whicker ..... Evansville, Indiana
Lilliard S. White ..... Darden, Tennessee
Mary E. Whitehead ..... Brownsville, Tennessee
Homer A. Wilkins ..... Jackson, Tennessee
James A. Williams ..... Jackson, Tennessee
William C. Willis ..... Trenton, Tennessee
Ernest C. Wilson ..... Jackson, Tennessee
Lawrence Wright, Jr. ..... Jackson, Tennessee
Thelma Wright ..... Memphis, Tennessee

SOPHOMORES

Richard Aldridge ..... Jackson, Tennessee
Doyle Alexander ..... Trenton, Tennessee
Lillian C. Anderson ..... Jackson, Tennessee
Joyce L. Austin ..... Taylor, Mississippi
Joe W. Bailey, Jr. ..... Shelbyville, Tennessee
Fred W. Baker ..... Jackson, Tennessee
Robert R. Bane ..... Booneville, Mississippi
Harvey H. Barham ..... Jackson, Tennessee
Elbert E. Barnett ..... Parsons, Tennessee
William H. Barrett ..... Henderson, Tennessee
Milton Ray Basden ..... Blue Springs, Mississippi
Mary Jane Bell ..... Louisville, Kentucky
Bettie W. Bishop ..... Camden, Tennessee
Lester A. Bishop ..... Camden, Tennessee
Robert L. Bogle ..... Atwood, Tennessee
Dorothy Bolding ..... Jackson, Tennessee
Joseph W. Bomar ..... Steele, Missouri
C. L. Bowden, Jr. ..... Ripley, Tennessee
Thomas Kermit Brann ..... Jackson, Tennessee
Lunsford C. Brantley ..... Springfield, Tennessee
Ralph Bray ..... Waynesboro, Tennessee
Hershel R. Brewer ..... Savannah, Tennessee
William M. Bridges ..... Jackson, Tennessee
Wallace O. Britton ..... Memphis, Tennessee
Frank T. Bruer ..... Jackson, Tennessee
James R. Burdette ..... Martin, Tennessee

Hugh L. Callens.....Savannah, Tennessee
Mary Jo Cannon.....Memphis, Tennessee
Elizabeth Ann Carr.....Tupelo, Mississippi
Peggy Sue Caudle.....Eudora, Arkansas
Wendell E. Cofer.....Memphis, Tennessee
James W. Coley.....Tupelo, Mississippi
Edd A. Conner.....Ripley, Mississippi
Bobby Gene Couch.....Jackson, Tennessee
Farrar L. Cox.....Dyer, Tennessee
Martha V. Crocker.....Kenton, Tennessee
Russell Crouse.....Trenton, Tennessee
Thos. Alton Daniel, Jr.....LaGrange, Georgia
James C. Davis.....Jackson, Tennessee
Rudy Davis.....McDonough, Georgia
Richard T. DeBerry.....Humboldt, Tennessee
Carlene Dennison.....Lexington, Tennessee
Wm. Lanier Dickerson.....Ripley, Mississippi
Lydle E. Dickson.....Jacks Creek, Tennessee
Max L. Dinstuhl.....Memphis, Tennessee
Wilbur Otis Douglas.....Jackson, Tennessee
William Dan Douglas.....Ripley, Tennessee
Shirley I. Drake.....Cedar Hill, Tennessee
Gerald Scott Duncan.....Bemis, Tennessee
Eldon Keith Dunn.....Bardwell, Kentucky
Jewell Epps.....Courtland, Mississippi
Maxine Epps.....Courtland, Mississippi
Doss T. Evans.....Darden, Tennessee
George E. Feathers.....Jackson, Tennessee
Earl E. Floyd.....Coolidge, Georgia
Eloise Ford.....Guntown, Mississippi
J. L. Ford.....Jackson, Tennessee
Eugene S. Forrester.....Jackson, Tennessee
Edward Fowler.....Jackson, Tennessee
Mozelle Fowler.....Martin, Tennessee
William P. Fox.....Jackson, Tennessee
Miles C. Frost.....Brentwood, Tennessee
Leo C. Galey.....Mayfield, Kentucky
Eula Mae Gardner.....Iuka, Mississippi
Joy Carol Garrett.....Jackson, Tennessee
William Thomas Gill, Jr.....Bragg City, Missouri
Ruby D. Glenn.....Iuka, Mississippi
James S. Gray.....Memphis, Tennessee

Jesse Mac Gray.....Selmer, Tennessee
Clell J. Green.....Booneville, Mississippi
Wayne Carter Greer.....Bemis, Tennessee
William S. Gregory.....Jackson, Tennessee
Mary Lee Hailey.....Brownsville, Tennessee
Hugh E. Halbrooks.....Decatur, Alabama
Evelyn Ann Haley.....Memphis, Tennessee
John Frank Hamby.....Lavonia, Georgia
Hugh T. Harreld.....Detroit, Michigan
J. Paul Harwood.....Houlka, Mississippi
Glenn L. Hassell, Jr.....Jackson, Tennessee
Ernest G. Hastings, Jr.....Hollow Rock, Tennessee
William C. Henlry, Jr.....Memphis, Tennessee
Harry Hickman.....Petersburg, Tennessee
Mary Lou Higdon.....Memphis, Tennessee
Jack A. Hill.....Corinth, Mississippi
Ovid Cecil Hilliard.....Jackson, Tennessee
John B. Holland, Jr.....Mineral Wells, Texas
Macon Fay Holley.....Rienzi, Mississippi
Calvin S. Holt, Jr.....Franklin, Tennessee
James E. Holt.....Franklin, Tennessee
Ray S. House.....Martin, Tennessee
Boyce B. Howell.....Medina, Tennessee
Wendell C. Hudiberg.....Jackson, Tennessee
Royce Brown Hughes.....Jackson, Tennessee
Icie Ingle.....Ramer, Tennessee
Gale Isaminger.....Memphis, Tennessee
Robert Paul James, Jr.....Jackson, Tennessee
James E. Johnson.....Elaine, Arkansas
Robert Cedric Johnson.....Jackson, Tennessee
Catherine Ann Jones.....Jackson, Tennessee
Ted Eugene Jones.....Humboldt, Tennessee
Warren F. Jones, Jr.....Jackson, Tennessee
Robert G. Jordan.....Henderson, Tennessee
James G. Joyner.....Huntingdon, Tennessee
James O. Kelley.....Jackson, Tennessee
Myrtle Kellum.....Guntown, Mississippi
Joseph H. King.....Bemis, Tennessee
Paul W. King.....Lavinia, Tennessee
Virgil C. King, Jr.....Fulton, Kentucky
Arvil M. Kirk.....Jackson, Tennessee
Clarence H. Knighton.....LaGrange, Georgia

Max W. Koffman.....Trenton, Tennessee
Everette D. LaFon.....Jackson, Tennessee
Terry J. Latham.....Buchanan, Georgia
Johnnie L. Lewelling.....Jackson, Tennessee
Fred Lollard.....Baldwyn, Mississippi
Edwin L. McCauley.....Jackson, Tennessee
Joe Dan McCorkle.....Henderson, Tennessee
James Karl McCune, Jr.....Memphis, Tennessee
Rose Chester McIlwain.....Trenton, Tennessee
J. Ralph McIntyre.....Houston, Texas
Elbert McLaurin.....Elaine, Arkansas
Jennie Mae McMinn.....Lavinia, Tennessee
David McPeake.....Jackson, Tennessee
James Kenneth Martindale.....Jackson, Tennessee
Richard Mason.....Jackson, Tennessee
Thomas A. Mauldin, Jr.....Baldwyn, Mississippi
Thomas E. Mercer.....Jackson, Tennessee
Thomas E. Miller, Jr.....Ripley, Tennessee
Lillie Mae Mills.....Harriman, Tennessee
William Arthur Mills.....Jackson, Tennessee
Howard L. Miskelly.....Falkner, Mississippi
Gene Edward Moffatt.....Germantown, Tennessee
James M. Moore.....Baldwyn, Mississippi
Robert Lee Moore.....Greenfield, Tennessee
Robert G. Morris.....Detroit, Michigan
Edward E. Morrow.....Waynesboro, Tennessee
Fred H. Muse.....Booneville, Mississippi
John S. Nagle.....Henderson, Tennessee
Robert G. Naquin.....Jackson, Tennessee
J. Wilburn Nelson.....Milan, Tennessee
Sarah Elizabeth Neely.....Jackson, Tennessee
Andrew J. Northcut.....Savannah, Tennessee
Ann F. Norton.....Jackson, Tennessee
James L. Oakes.....Memphis, Tennessee
Willie B. Oakley.....Halls, Tennessee
Stoten A. Outlan.....Jackson, Tennessee
Mrs. Ausie Outlaw.....Medon, Tennessee
Billy Tom Owen.....Jackson, Tennessee
Harry Jerold Palmer, Jr.....Memphis, Tennessee
Harry A. Parsons.....Shelbyville, Tennessee
Lee Patey.....Jackson, Tennessee
Robert K. Pearce.....Jackson, Tennessee

Mrs. Albert Phelan.....Trenton, Tennessee
James Avan Phillips.....Corinth, Mississippi
Nelda Pickler.....Memphis, Tennessee
Bill M. Pollard.....Greenfield, Tennessee
William David Pope, Jr.....Mercer, Tennessee
Bertha Mae Powers.....Jackson, Tennessee
Henry S. Powers, Jr.....Jackson, Tennessee
Ira C. Powers, Jr.....Lexington, Tennessee
John Y. Powers.....Jackson, Tennessee
John Lee Powers.....Bethel Springs, Tennessee
Louise P. Puckett.....Jackson, Tennessee
Garvin C. Pyron.....Humboldt, Tennessee
Emajean Ragan.....Jackson, Tennessee
William R. Reddin.....Pinson, Tennessee
David A. Reid.....Denmark, Tennessee
Mary Jean Riddle.....Jackson, Tennessee
H. G. Roberts.....Blue Springs, Mississippi
Charles T. Robertson.....Jackson, Tennessee
Dolan F. Rogers.....Dell, Arkansas
Ferman R. Rogers.....Dell, Arkansas
Waymond Ross.....Jackson, Tennessee
Melvin Rowland.....Tupelo, Mississippi
John L. Sanders.....Jackson, Tennessee
William R. Scruggs.....Wilisburg, Kentucky
William W. Seward, Jr.....Jackson, Tennessee
Barbara Sue Sewell.....Jackson, Tennessee
W. W. Shanklin.....Dyer, Tennessee
Jean Shellabarger.....Jackson, Tennessee
Barner D. Sills.....Trenton, Tennessee
Ira Singleton, Jr.....Memphis, Tennessee
Jerry B. Smith.....Selmer, Tennessee
P. J. Spellings.....McKenzie, Tennessee
Charles E. Spitzer.....Jackson, Tennessee
Janet Lee Stanger.....Walnut, Mississippi
LeRoy Stanland.....Jackson, Tennessee
Horace A. Stokes.....Guntown, Mississippi
Harold T. Stott.....Booneville, Mississippi
Morris Lee Strayhorn.....Jackson, Tennessee
James W. Sumners, Jr.....Booneville, Mississippi
Jean Tanner.....Memphis, Tennessee
James Robert Taylor.....Eupora, Mississippi
Norman E. Tillman.....Jackson, Tennessee

Ophelia Tomlin ..... Lexington, Tennessee
Caharles L. Turner ..... Alamo, Tennessee
Charlie O. Turner ..... Jackson, Tennessee
Owen B. Vick ..... Russellville, Kentucky
William H. Vinson ..... Jackson, Tennessee
LeVerne Walburn ..... LaGrange, Georgia
Betty Ruth Walker ..... Jackson, Tennessee
James L. Walker ..... Booneville, Mississippi
Bernice W. Wardlow ..... Pocahontas, Tennessee
Dan H. Waters ..... Blue Springs, Mississippi
Kermit W. Whitten ..... Jackson, Tennessee
David C. Williams ..... Jackson, Tennessee
William P. Williams ..... Jackson, Tennessee
Edward M. Williamson ..... Jackson, Tennessee
Harold L. Willis ..... Covington, Tennessee
Murl Willoughby ..... Jackson, Tennessee
Keith Wilson ..... Bardwell, Kentucky
Jesse L. Winchester ..... Murray, Kentucky
George M. Winslow ..... Jackson, Tennessee
Bernard L. Woodson, Jr. ..... Bells, Tennessee
Herschel Woody, Jr. ..... Humboldt, Tennessee
Maggie G. Wooten ..... Selmer, Tennessee
Lealon P. Yarber ..... Belmont, Mississippi
Edgar M. Yarbro ..... Lexington, Tennessee
Charles R. Young ..... Jackon, Tennessee

FRESHMEN

Herman H. Adkins ..... McEwen, Tennessee
Charles W. Albright, Jr. ..... Humboldt, Tennessee
James R. Allen ..... Morris Chapel, Tennessee
Sally Frances Allen ..... Linden, Tennessee
Leslie Carole Arnold ..... Jackson, Tennessee
Virginia Anne Arnold ..... Jackson, Tennessee
Mrs. H. L. Atwood ..... West Frankfort, Illinois
LeVerne Azbill ..... Lexington, Tennessee
Martha Dean Bailey ..... Guntown, Mississippi
Austin C. Baker ..... Holladay, Tennessee
Betty Brooks Baker ..... Holladay, Tennessee
Robert E. Baker ..... Memphis, Tennessee
Worlie Ballard ..... Hamilton, Alabama
Billie Frances Barton ..... Bradford, Tennessee
Jack W. Barton ..... Jackson, Tennessee

Samuel T. Beare, Jr. ..... Jackson, Tennessee
Mary Nell Benson ..... Jackson, Tennessee
Narsh D. Benson ..... Malesus, Tennessee
Evelyn Jo Bethune ..... Memphis, Tennessee
Bettye Mai Black ..... Jackson, Tennessee
Harold M. Blackwood ..... Jackson, Tennessee
Williard D. Bolding ..... Jackson, Tennessee
Mary Ann Bolen ..... Westport, Tennessee
William D. Bond, Jr. ..... Memphis, Tennessee
Bettye Claire Bonds ..... Memphis, Tennessee
Mrs. Iva Booth ..... Bells, Tennessee
David W. Bowen ..... Tupelo, Mississippi
Jacqueline Bray ..... Waynesboro, Tennessee
Howard R. Brewer ..... Henderson, Tennessee
Jack Brewer ..... Hackleburg, Alabama
Jessie W. Brewer ..... Lavinia, Tennessee
Mary E. Brewer ..... Lavinia, Tennessee
Laura Ann Bringle ..... Covington, Tennessee
Joe E. Brint ..... Bemis, Tennessee
Mary Elizabeth Britton ..... Memphis, Tennessee
Malcolm L. Broome ..... Cairo, Georgia
John Thomas Brown, Jr. ..... Pinson, Tennessee
Iva Joyce Bryant ..... Kenton, Tennessee
Ora Bullman ..... Finger, Tennessee
Raymond M. Burkett ..... Trenton, Tennessee
William C. Burnett ..... Memphis, Tennessee
Geneva Gay Burns ..... Jackson, Tennessee
Bonnie Buse ..... Tupelo, Mississippi
Frances Marie Butler ..... Trenton, Tennessee
Norris Maxine Butler ..... Burlison, Tennessee
Raymond E. Butts, Jr. ..... Jackson, Tennessee
Zack J. Campbell, Jr. ..... Humboldt, Tennessee
Buster B. Cantrell ..... Jackson, Tennessee
Bobby B. Carpenter ..... Hamilton, Alabama
Charles R. Castellaw ..... Bells, Tennessee
Doris Mae Castellaw ..... Bells, Tennessee
Gerald Castellaw ..... Alamo, Tennessee
Dorothy R. Chapman ..... Jackson, Tennessee
James R. Chatham ..... Humboldt, Tennessee
Buff Chisholm, Jr. ..... Trenton, Tennessee
Kathleen Claybrook ..... Lewisburg, Tennessee
William E. Cochran, Jr. ..... Jackson, Tennessee

Robert M. Coffman.....Gates, Tennessee
William J. Coffman.....Gates, Tennessee
David E. Collier.....Jackson, Tennessee
Joe M. Collins.....Pulaski, Tennessee
Dorothy Jane Cooper.....Covington, Tennessee
Joe B. Cooper.....Jackson, Tennessee
Billy Thomas Copeland.....Fayetteville, Tennessee
Alfred Bruce Coyle.....Memphis, Tennessee
Damon L. Crabtree.....Bells, Tennessee
George G. Crawford, Jr.....Memphis, Tennessee
Homer E. Crawford.....Memphis, Tennessee
Thomas E. Crowell.....Paducah, Kentucky
John A. Curl.....Linden, Tennessee
William Thos. Dalton.....Sturgis, Kentucky
Paul Davenport.....Jackson, Tennessee
William Daniel Davis.....Guntown, Mississippi
Russell Eugene Dew, Jr.....Jackson, Tennessee
Southall Dickson.....Jackson, Tennessee
Peggie Ann Douglass.....Jackson, Tennessee
Robert B. Duke.....Brownsville, Tennessee
Grace Marie Duncan.....Hohenwald, Tennessee
Thomas R. Eason.....Bemis, Tennessee
Thelma Elkins.....Brighton, Tennessee
Maurice C. Finley.....Covington, Tennessee
Joe Wayne Fly.....Jackson, Tennessee
William A. Foote.....Bolivar, Tennessee
J. W. Forbis.....Jackson, Tennessee
Bill M. Ford.....LaFayette, Tennessee
Charles D. Foresythe.....Alamo, Tennessee
Robert E. Frankland.....Jackson, Tennessee
Lawrence Gaia.....Jackson, Tennessee
Prince E. Gibson.....East Falls Church, Virginia
Phil M. Gillham.....Adamsville, Tennessee
Billie Payne Grantham.....Jackson, Tennessee
Trippe G. W. Green.....LaGrange, Georgia
Wasel L. Guinn.....Henderson, Tennessee
Dearl Halfacre.....Ripley, Tennessee
Robert E. Halfacre.....Jackson, Tennessee
Edward P. Haney.....Medina, Tennessee
Paul D. Harding.....Cottage Grove, Tennessee
Arnold O'Neal Hardy.....Ripley, Tennessee
William W. Hargrove.....Brundridge, Alabama

James W. Harper.....Baldwyn, Mississippi
Winnie M. Hatcher.....Knoxville, Tennessee
Jimmie Sue Hatchett.....Lexington, Tennessee
Clyde Hawks, Jr.....Humboldt, Tennessee
Joy E. Hayes.....Dyer, Tennessee
Robert J. Haynes.....Jackson, Tennessee
Hobart E. Hendrix.....Jackson, Tennessee
William E. Hendrix, Jr.....Humboldt, Tennessee
Kenneth F. Higdon, Jr.....Jackson, Tennessee
James Ray Hight.....Jackson, Tennessee
James Roy Hill.....Paris, Tennessee
Carolyn Hilliard.....McKenzie, Tennessee
Carolyn Hinton.....Corinth, Mississippi
Don M. Hollowell.....Memphis, Tennessee
David H. Holmes.....Oakfield, Tennessee
Clyde Collins Hopkins.....Brownsville, Tennessee
Patricia Hopper.....Mobile, Alabama
John V. Houston.....Selmer, Tennessee
Robert W. Huff.....Bemis, Tennessee
Mabel W. Hughes.....Adamsville, Tennessee
Talford E. Hunt.....Jackson, Tennessee
Martha E. Hurst.....Henderson, Tennessee
Mary C. Hutcheson.....Jackson, Tennessee
Thomas L. Johnsey.....Jackson, Tennessee
Christine Johnson.....Jackson, Tennessee
Dudley H. Johnson, Jr.....Memphis, Tennessee
Henry M. Johnson.....Memphis, Tennessee
Betty Lou Jones.....Greenbrier, Tennessee
Billy M. Jones.....Jackson, Tennessee
Edgar W. Jones.....Humboldt, Tennessee
Joe Wayne Jones.....Henderson, Tennessee
June Jones.....Jackson, Tennessee
Malcolm A. Jones.....Memphis, Tennessee
Nancy E. Jones.....Toone, Tennessee
Opal Jones.....Germantown, Tennessee
Rily M. Jones.....Fowlkes, Tennessee
William R. Jones.....Humboldt, Tennessee
John L. Joyner.....Trenton, Tennessee
Ruthie D. Justice.....Robards, Kentucky
Pinckney Keel.....Jackson, Tennessee
Roy Lee King.....Medon, Tennessee
Roy Neil King.....Trenton, Tennessee

Anthony J. Kirch.....Jackson, Tennessee
Bobby Gene Ladd.....Memphis, Tennessee
James E. Lane.....Jackson, Tennessee
Patsy Ann Lay.....Savannah, Tennessee
Earl S. Little.....Lexington, Tennessee
Eddie Mae Lollar.....Baldwyn, Mississippi
Doris Ann Luckey.....Humboldt, Tennessee
Dorsey Thomas Lunn.....Nashville, Tennessee
James L. McClendon.....Toone, Tennessee
Jack T. McCollum.....Huntingdon, Tennessee
Thomas M. McCullough.....Nashville, Tennessee
James W. McGaughy.....Bolivar, Tennessee
Robert C. McMillan, Jr.....Booneville, Mississippi
Walter G. McWherter.....Jackson, Tennessee
Charles R. Marler.....Chattanooga, Tennessee
Betty Jo Martin.....Dover, Tennessee
Edward Leo Martindale.....Jackson, Tennessee
William N. Mathis.....Trezevant, Tennessee
Boyce H. Mayer.....Jackson, Tennessee
Terrel Dwight Mays.....Parsons, Tennessee
Harold C. Medlin.....Sardis, Tennessee
Joe H. Meeks.....Jackson, Tennessee
David H. Mefford.....Browder, Kentucky
Dewey Mercer.....Central City, Kentucky
Thomas R. Mills.....Humboldt, Tennessee
Mary Jo Minga.....Memphis, Tennessee
Emogene A. Moffatt.....Germantown, Tennessee
Thomas S. Moncrief.....Oakville, Tennessee
Richard Neal Moore.....Selmer, Tennessee
Henry S. Nabers.....Baldwyn, Mississippi
Tracy F. Nabers.....Baldwyn, Mississippi
Olen Nalley, Jr.....Anna, Illinois
James A. Newton.....Jackson, Tennessee
Billie Marie Northcut.....Savannah, Tennessee
Dorothy Oakley.....Jackson, Tennessee
Jere D. Omar.....Jackson, Tennessee
Zelma M. O'Neal.....Scotts Hill, Tennessee
Louis O. Only.....Jackson, Tennessee
Virginia Orman.....Jackson, Tennessee
Jean H. Outlaw.....Brownsville, Tennessee
Carman D. Owens.....Humboldt, Tennessee
Joseph H. Parker.....Jackson, Tennessee

Charles A. Partin.....Memphis. Tennessee
Thomas H. Pate.....Jackson, Tennessee
Joe Patton.....Jackson, Tennessee
Robert I. Patton.....Jackson, Tennessee
Addie E. Pendergras.....Lexington, Tennessee
Thomas H. Pinkley.....Atwood, Tennessee
Hubert Lee Pittman.....LaGrange, Georgia
Doyle S. Pope.....Booneville, Mississippi
Clay H. Porter.....Newbern, Tennessee
Jack H. Porter.....Greenfield, Tennessee
Betty G. Price.....Savannah, Tennessee
Alma E. Rankin.....Brownsville, Tennessee
William T. Rawls.....Jackson, Tennessee
Herbert H. Replogle.....Jackson, Tennessee
Thomas H. Rhodes, Jr.....Lexington, Tennessee
Claude B. Richardson.....Serles, Tennessee
Geraldine Ricks.....Bells, Tennessee
Carol Ann Riley.....Franklin, Tennessee
Floyd Darrell Roberts.....Jackson, Tennessee
Edward Carmack Robertson.....Henderson, Tennessee
Rebecca Louise Robins.....Jackson, Tennessee
John W. Robinson.....Lavinia, Tennessee
Love Rutledge.....Iuka, Mississippi
Manard D. Ryan.....Baldwyn, Mississippi
Edith Scarbrough.....Humboldt, Tennessee
Wilford L. Scarbrough.....Humboldt, Tennessee
John A. Scoble.....Lenoir City, Tennessee
Ernest P. Scott.....Coldwater, Mississippi
Lucy Scott.....Pensacola, Florida
Thomas Lee Scott.....Bemis, Tennessee
Jack Seymour.....Whiteville, Tennessee
Clara M. Shreeve.....Memphis, Tennessee
Mildred Lee Siler.....Henderson, Tennessee
Norma Jean Siler.....Henderson, Tennessee
Katherine Sparks Sims.....Pinson, Tennessee
Golda Smith.....Ridgely, Tennessee
Rachel E. Smith.....Milan, Tennessee
Martha M. Stewart.....Kenton, Tennessee
William A. Stokes.....Knoxville, Tennessee
Gordon Strawn.....Memphis, Tennessee
Elena Swafford.....Peters Landing, Tennessee
Norma Jean Tate.....Huntingdon, Tennessee

William A. Tatum.....Tyronza, Arkansas
Alvina B. Tharp.....Jackson, Tennessee
Jerry H. Thomas.....Union City, Tennessee
Ernest T. Thompson.....Trenton, Tennessee
James R. Thompson, Jr.....Stanton, Tennessee
Virginia Thompson.....Memphis, Tennessee
Coy Thurston.....Melber, Kentucky
Lorraine T. Tinkle.....Dyersburg, Tennessee
Leroy W. Todd.....Pinson, Tennessee
William J. Tomerlin.....Memphis, Tennessee
John D. Vandiver, Jr.....Jackson, Tennessee
Edward B. Wade.....Jackson, Tennessee
George C. Wadlington.....Falls Church, Virginia
Mary Ellen Walton.....Covington, Tennessee
Mary Cox Warmath.....Sulphur Rock, Arkansas
William C. Warmath.....Mayfield, Kentucky
Mary Margaret Welch.....Memphis, Tennessee
Lounelle Wheatley.....Lexington, Tennessee
Lindell A. Whitehead.....Paris, Tennessee
Monte Darrell Whitson.....Covington, Tennessee
Charles Wilcox.....Central City, Kentucky
Jerry Joe Williams.....Jackson, Tennessee
Marian Louise Williams.....Brownsville, Tennessee
Melvin H. Williams.....Clinton, Kentucky
Robert R. Williams.....Humboldt, Tennessee
George B. Williamson.....Mason, Tennessee
B. O. Wolfe, Jr.....Jackson, Tennessee
Charlie W. Wright.....Hartsville, Tennessee
Kellum Young.....Jackson, Tennessee

SATURDAY STUDENTS

Alfred A. Abernathy.....Beech Bluff, Tennessee
Ruth K. Allen.....Trenton, Tennessee
Effie Lou Binkley.....Fowlkes, Tennessee
Ray M. Bloodworth.....Parsons, Tennessee
Ione T. Bobbitt.....Lexington, Tennessee
Barbara Bowman.....Parsons, Tennessee
Bonnie S. Bradford.....Wildersville, Tennessee
Lenora W. Bradford.....Wildersville, Tennessee
Gertrude A. Branch.....Maury City, Tennessee
Mary B. Brewer.....Kenton, Tennessee
Mrs. E. D. Brigance.....Henderson, Tennessee

Martha Elizabeth Bryant.....Bells, Tennessee
Helen L. Buford .....Maury City, Tennessee
Eldora A. Cates .....Alamo, Tennessee
Lucille C. Cox .....Humboldt, Tennessee
Robbie L. Craig .....Friendship, Tennessee
Claudie N. Crider.....Bells, Tennessee
Mrs. Robert H. Davis.....Pinson, Tennessee
Guy Dyer .....Lexington, Tennessee
Nola B. Farmer.....Lexington, Tennessee
Loyce Gilliam.....Kerrville, Tennessee
Pauline T. Gilliam.....Kerrville, Tennessee
Mary O. Glidewell.....Ridgely, Tennessee
Inez Clark Golden.....Dyersburg, Tennessee
Alice Hall.....Lexington, Tennessee
Ophelia Hall.....Lexington, Tennessee
Mary L. Hamlett .....Juno, Tennessee
Marguerite E. Harris .....Jackson, Tennessee
Ira A. Harrison.....Trenton, Tennessee
Louise H. Hendrix .....Parsons, Tennessee
George B. Herring .....Brownsville, Tennessee
Fay Boyd Holley.....Jackson, Tennessee
Celia Houston .....Pinson, Tennessee
Hugh H. Houston.....Parsons, Tennessee
Mrs. Karon Howell .....Kenton, Tennessee
Ethel Hughes.....Jackson, Tennessee
Hadie K. Hunt.....Jackson, Tennessee
Bertha L. Hutchison.....Brownsville, Tennessee
Mrs. Willie E. Ingram .....Parsons, Tennessee
Evan J. Jennings.....Parsons, Tennessee
Huda M. Joyner .....Parsons, Tennessee
Lara D. Kendall.....Ridgely, Tennessee
Ruth Lasater .....Rutherford, Tennessee
Ruby C. Lassiter.....Trenton, Tennessee
Ruby L. Miller .....Lexington, Tennessee
Katherine Mills .....Jackson, Tennessee
Edward A. Montgomery .....Scotts Hill, Tennessee
Lillie Mount .....Dyer, Tennessee
Gladys Noel .....Jackson, Tennessee
Mabel Norman.....Rutherford, Tennessee
Loraine N. Parker.....Medon, Tennessee
Mrs. S. G. Parker .....Lexington, Tennessee
Kitty Robertson.....Trenton, Tennessee

Thomas F. Rochelle ..... Bradford, Tennessee
Elsie R. Scammerhorn ..... Bells, Tennessee
Jewell J. Scobey ..... Friendship, Tennessee
Mary E. Scott ..... Jackson, Tennessee
Eunnice E. Shelby ..... Scotts Hill, Tennessee
Nora Smith ..... Jackson, Tennessee
Willie Mai Sorrell ..... Dyersburg, Tennessee
Sallie Spence ..... Holladay, Tennessee
Mattie Hopper Stewart ..... Jackson, Tennessee
Lenniefee S. Taylor ..... Mason, Tennessee
Jennie Mae Thomas ..... Pinson, Tennessee
Flossie W. Thompson ..... Dyer, Tennessee
Bernice R. Tritt ..... Alamo, Tennessee
Lillian Vickery ..... Jackson, Tennessee
Louise C. Walker ..... Friendship, Tennessee
Hilda H. Welch ..... Parsons, Tennessee
Louis Welch ..... Parsons, Tennessee
Frances K. Wright ..... Stanton, Tennessee
Nell K. Young ..... Jackson, Tennessee
Cordia S. Zaricor ..... Kenton, Tennessee

SPECIAL STUDENTS

Warren G. Armour ..... Jackson, Tennessee
Virginia J. Bolton ..... Henderson, Tennessee
Hattie J. Bunn ..... Finley, Tennessee
Colie E. Chandler ..... Jackson, Tennessee
Prince E. Claybrook ..... Lewisburg, Tennessee
Mrs. Edward L. Cogdell ..... Lexington, Tennessee
Betty Lou Conwell ..... Jackson, Tennessee
Anna Kate Cooper ..... Jackson, Tennessee
George W. Crawford ..... Jackson, Tennessee
Dorothy F. Dinstuhl ..... Jackson, Tennessee
William J. Douglas ..... Rupert, Idaho
Syble J. Duke ..... Jackson, Tennessee
Corinne E. French ..... Jackson, Tennessee
Eunice Gilliam ..... Lexington, Tennessee
Martha T. Goodwin ..... Jackson, Tennessee
Frank B. Hamilton ..... Jackson, Tennessee
R. V. Harper ..... Maury City, Tennessee
George B. Holland ..... Jackson, Tennessee
Ed Lane ..... Jackson, Tennessee
Learlene Lowry ..... Rowland, North Carolina

Jennie M. Mallory.....Jackson, Tennessee
Hazel E. Mansfield .....Jackson, Tennessee
Maria Murray .....Jackson, Tennessee
Mary Gault Nabers.....Booneville, Mississippi
Ernest A. Olds .....Bells, Tennessee
Mary Alice Olds.....Bells, Tennessee
Joyce J. Parker .....Jackson, Tennessee
Mrs. Myrtis F. Ramer .....Jackson, Tennessee
Leona F. Roscoe .....Jackson, Tennessee
Sarah Melba Rush.....Jackson, Tennessee
Dorothy R. Russell.....Beech Bluff, Tennessee
Raynelle E. Short .....Jackson, Tennessee
Annie Lou Smith.....Medon, Tennessee
Nancy Jean Stone.....Petersburg, Tennessee
Mrs. Eugene Stout .....Jackson, Tennessee
Gladys H. Sublett .....Whiteville, Tennessee
Mrs. Murray Taylor .....Jackson, Tennessee
Jewell C. Turner .....Jackson, Tennessee
Viana B. West.....Ecru, Missouri
Fern W. White.....Saltillo, Tennessee
Mrs. J. E. Yancey .....Marvel, Arkansas

SUMMARY OF ENROLLMENT

1947-1948

	Men	*Women*	*Total*
Freshmen	169	85	254
Sophomores	171	48	219
Juniors	104	45	149
Seniors	82	68	150
Saturday	10	63	73
Specials	10	31	41
Total	546	340	886

APPLICATION FOR ADMISSION TO UNION UNIVERSITY
For the session 1918-1919

APPLICATION FOR ADMISSION TO UNION UNIVERSITY
For the Session 1948-1949

Name (Mr. / Mrs. / Miss) _____
(First) (Middle) (Last)

Permanent Address _____
(Street or Rural Route) (City) (State)

Date of birth _____ Place of birth _____
(Day-Month-Year) (City) (State)

Married or Single? _____

Church membership _____ or preference _____

Graduate of _____ High School

located at _____ Date of graduation _____
(Day-Month-Year)

Have you attended college? _____

If so, where? _____ Give dates _____

Father's name _____ Living? _____

Mother's name _____ Living? _____

Legal guardian, if not father _____

Occupation of father or guardian _____

Business address _____

I enclose $5.00 for room reservation ($10.00 if not a resident of the State of Tennessee).

I have asked the principal of the high school from which I graduated (or registrar of college attended) to send a copy of my record to the Registrar of Union University. I understand that I cannot be formally accepted for admission until the transcript of my credits has been received and approved.

(Signature of Applicant) _____

_____
(Date)

(This application should be addressed to the President's office)

STABILITY			balanced		well-poised
PERSONALITY	Displeasing	Unattractive	Average	Pleasing	Attractive
MANNERS	Unfamiliar with social customs	Tries to conform to customs	Careless	Punctilious in observing customs	Acts graciously always
SOCIAL ATTITUDES	Anti-social	Self-centered	Usually considerate of others	Always considerate of others	Strongly altruistic
INFLUENCE ON OTHERS	Extremely unwholesome	Somewhat unwholesome	Little either good or bad	Wholesome	Unusually wholesome
MATURITY	Playful	Immature	Slightly immature	Normal maturity	Exceptionally mature

COMMENTS

APPLICATION FOR ADMISSION TO UNION UNIVERSITY
For the Session 1948-1949

(Mr.
(Mrs.
Name (Miss_____
(First) (Middle) (Last)

Permanent Address_____
(Street or Rural Route) (City) (State)

Date of birth_____ Place of birth_____
(Day-Month-Year) (City) (State)

Married or Single?_____

Church membership_____ or preference_____

Graduate of_____ High School

located at_____ Date of graduation_____
(Day-Month-Year)

Have you attended college?_____

If so, where?_____ Give dates_____

Father's name_____ Living?_____

Mother's name_____ Living?_____

Legal guardian, if not father_____

Occupation of father or guardian_____

Business address_____

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(Signature of Applicant)_____

_____
(Date)

(This application should be addressed to the President's office)

CERTIFICATE OF RECOMMENDATION FOR ADMISSION TO UNION UNIVERSITY

This is to certify that_____ is of good moral character; that __he attended the_____ High School, located at _____ from_____ to_____; that __he completed the work with grades indicated below.

Do you recommend the applicant for admission to college? Yes_____ No_____ For the following reasons_____

He ranked in the First, Second, Third, Fourth (underscore one) Division of his class.

By what agency is your school accredited?_____

SUBJECT	Grade	Units	SUBJECT	Grade	Units
BIBLE			MATHEMATICS		
ENGLISH, First Year			Algebra, First year		
Second Year			Algebra, Second Year		
Third Year			Plane Geometry		
Fourth Year			Solid Geometry		
HISTORY, Ancient			Trigometry		
M. and M.			Arithmetic		
English			MUSIC		
United States					
CIVICS			SCIENCE		
FRENCH, First Year			General		
Second Year			Biology		
Third Year			Chemistry		
Fourth Year			Physics		
GERMAN, First Year					
Second Year					
Third Year			Agriculture		
Fourth Year					
LATIN, First Year			Bookkeeping		
Second Year					
Third Year			Manual Training		
Fourth Year					
SPANISH, First Year			Shorthand		
Second Year					
Third Year			Typing		
Fourth Year					
HOME ECONOMICS, First Year			OTHERS		
Second Year					

Passing grade in school_____ Total Units_____

This certificate should be mailed direct to the college Registrar.

Principal or Supt._____

Dear

Your confidential rating of _____ (Name of student), now enrolled with us, will be of value to us in directing this student. Please check characteristics opposite each item and return to us in the enclosed self-addressed envelope.

S. S. SARGENT, Dean.

PERSONALITY AND ABILITY RATING

INTELLECTUAL ABILITY	Dull	Slow	Average	Alert	Very keen
SCHOLASTIC ZEAL	Unresponsive	Lazy	Average	Energetic	Craves scholarly tasks
INITIATIVE	Needs supervision	Needs encouragement	Does ordinary Assignments	Does supplementary work	Seeks additional tasks
INTEGRITY	Dishonest	Tricky	Dependable	Conscientious	Loyal to high ideals
COOPERATION	Self-centered	Cooperates when pressed	Willing to work with others	Can assume some responsibility	Eager to accept responsibility
LEADERSHIP ABILITY	Follower	Lets others lead	Leads in minor affairs	Leads in important affairs	Inspiring leader
EMOTIONAL	Goes to pieces easily	Slightly unstable	Usually well-	Well-poised	Exceptionally

Dear

Your confidential rating of _____ (Name of student), now enrolled with us, will be of value to us in directing this student. Please check characteristics opposite each item and return to us in the enclosed self-addressed envelope.

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COMMENTS